



Forensic Biology Test No. 24-5701 Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were asked to analyze using their existing protocols. Data were returned from 641 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 set consisted of two known bloodstains on white fabric (Items 1 and 2), and two questioned stains on colored fabric (Items 3 and 4). Participants were asked 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 prepared using a mixture of human whole blood and semen. Item 1 (50 μ L) was created using blood from a male donor. Item 2 (50 μ L) was created using blood from a female donor. Item 3 (50 μ L) was created using blood from a male donor whose known standard was not provided. Item 4 (50 μ L) was created using a 1:1 mixture of blood from the female donor used in Item 2 and semen from the male donor used in Item 1. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 05, 2024 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	15,18.3	23,23	14,14	15,16	11,11	13,14
	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18	2	
2	14,15	21,25	11,11	16,17	10,11	14,17
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17#	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18	NM	NM	NM	NM	NM
3	14,16.3	19,21	10,11	16,16	8,10	11,19
	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16	2	
4-Blood	14,15	21,25	11,11	16,17	10,11	14,17
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17#	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18	NM	NM	NM	NM	NM
4-Semen	15,18.3	23,23	14,14	15,16	11,11	13,14
	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18	2	

#For Items 2 and 4-Blood, approximately 38% of participants reported "15,17" at D22S1045 which appeared to be related to amplification kit used. Further discussion will be included in the Summary Report.

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	12	17	18	23	23	10	12
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	11	19	16	19	21	14	12
4-Semen	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	12	17	18	23	23	10	12

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

Note: The results provided below are based on a population of at least 10 participants. The nucleotide ranges represent the range tested by a minimum of 75% of participants.

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16365
2	73-340	16024-16365
3	73-340	16024-16365

Deviations HVR-II, HVR-I

Note: The results provided below are based on a population of at least 10 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	152.0	200.0	217.0	263.0	309.1	315.1	340.0	16051.0	16129.0	16183.0	16189.0	16362.0
ITEM 1	G	C	G	C	G	C	C	T	G	C	C	C	C

	73.0	146.0	152.0	195.0	263.0	309.1	309.2	315.1	16129.0	16223.0	16278.0	16294.0	16309.0
ITEM 2	G	C	C	C	G	C	C	C	A	T	T	T	G

	73.0	150.0	189.0	200.0	263.0	315.1	16209.0	16218.0	16223.0	16292.0	16311.0
ITEM 3	G	T	G	G	G	C	C	T	T	T	C

Summary Comments

This test was designed to allow participants to assess their proficiency in the analysis and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 was created using blood from a male donor. Item 2 was created using blood from a female donor. Item 3 was created using blood from a male donor whose known standard was not provided. Item 4 was created using a mixture of blood from the female donor used in Item 2 and semen from the male donor used in Item 1. Refer to the Manufacturer's Information for preparation details.

Data were returned by 641 participants.

Screening Test Results

Screening results for body fluids (blood, semen, saliva) were returned by a total of 606 participants. However, not all of these participants returned screening results for each fluid type for both questioned items.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen, all participants reported "Negative." For the presence of saliva, all participants reported "Negative." For Human Origin and Y-Screening, all participants reported "Positive."

For Item 4, all participants reported "Positive" for the presence of blood. For the presence of semen, all but two participants reported "Positive." The remaining participants reported "Negative." For the presence of saliva, all but seven participants reported "Negative." Of the remaining participants, five reported "Inconclusive" and two reported "Positive." For Human Origin and Y-Screening, all participants reported "Positive."

DNA Analysis

For STR results, the majority of participants reported consistent results. Thirty-one participants reported inconsistent results for one or more items. Trends identified in a significant portion of the population are discussed below.

For both Items 2 and 4-Blood at locus D22S1045, allelic responses differed based on amplification kit used. For Item 2, participants that utilized GlobalFiler™ (62%) reported "17,17" while those that utilized a PowerPlex® kit (38%) reported "15,17." A similar percentage trend was identified for Item 4-Blood. Several participants noted in their Additional Comments that the variation may be due to a primer binding site issue for GlobalFiler™.

For YSTR results, all but three participants reported consistent results.

DNA Interpretations

Of the 617 participants that returned DNA results, 609 reported DNA interpretations. Three participants selected the "No Interpretation" option for each conclusion, one selected the "No Interpretation" option for two conclusions and left the other two blank, three stated the samples were analyzed for database purposes only, and one did not respond.

For Item 3, all but one participant excluded the victim (Item 1) and the suspect (Item 2) as possible contributors to the stain. The remaining participant included the suspect as a possible contributor.

For Item 4, all but one participant included the victim (Item 1) and the suspect (Item 2) as possible contributors to the stain. The remaining participant excluded the suspect as a possible contributor.

Key for Screening Tests Used

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

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

Serology Screening Results

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

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
22V7PU	Pos TMB, HemDirect	Pos TMB, HemDirect
279E4Y	Pos LMG	Pos LMG
284PMM	Pos KM, HemaTrace	Pos KM, HemaTrace
2A99LX	Pos KM	Pos KM
2BKWBM	Pos KM, HemaTrace	Pos KM, HemaTrace
2CF676	Pos KM	Pos KM
2DQF2K	Pos KM	Pos KM
2FXW9E	Pos KM	Pos KM
2G7EF3	Pos KM	Pos KM
2L32CC	Pos IR, pth, ABACard HemaTrace	Pos pth
2LGZ6W	Pos KM	Pos KM
2MPBV9	Pos KM, TMB	Pos KM, TMB
2NE9QL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
2Q9H6U	Pos KM	Pos KM
2RDKLL	Pos KM	Pos KM
2RPFWU	Pos KM	Pos KM
2TK7TX	Pos TMB, HemDirect	Pos TMB, HemDirect
2V4YV3	Pos KM	Pos KM
2V6JKU	Pos KM	Pos KM
2XFX2V	Pos TMB, HemDirect	Pos TMB, HemDirect
2ZTLFA	Pos KM	Pos KM
33FMY3	Pos LMG	Pos LMG
343BV9	Pos KM, LMG, RSID	Pos KM, LMG, RSID
348T3Z	Pos LMG, HemaTrace	Pos LMG, HemaTrace
36M279	Pos KM	Pos KM
36QKCK	Pos KM	Pos KM
38UBKK	Pos KM, HemaTrace	Pos KM, HemaTrace
3C84H6	Pos KM, HemaTrace	Pos KM, HemaTrace
3CMCKE	Pos LMG, HemDirect	Pos LMG, HemDirect
3DQ8R4	Pos KM	Pos KM
3EF9A9	Pos KM, TMB	Pos KM, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3H2C8A	Pos KM, HemaTrace	Pos KM, HemaTrace
3L2ZWR	Pos TMB, HemDirect	Pos TMB, HemDirect
3LB7ZG	Pos PTMB	Pos PTMB
3LDQWW	Pos KM	Pos KM
3NQWBP	Pos KM	Pos KM
3PW398	Pos KM	Pos KM
3QAKLL	Pos KM, HemaTrace	Pos KM, HemaTrace
3QBG6F	Pos O-tol, Seratec Hemdirect	Pos O-tol, Seratec Hemdirect
3UP3PN	Pos KM	Pos KM
3UVTWB	Pos KM	Pos KM
3XU8HF	Pos PTMB	Pos PTMB
3XUKCH	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
4296P3	Pos KM	Pos KM
43D3WL	Pos KM	Pos KM
478N4G	Pos LMG, HemaTrace	Pos LMG, HemaTrace
4793N2	Pos KM	Pos KM
48MMGC	Pos LMG, HemDirect	Pos LMG, HemDirect
4A48RD	Pos PTMB	Pos PTMB
4B96YW	Pos PTMB	Pos PTMB
4E8JLM	Pos ALS, KM, HemaTrace	Pos ALS, KM, HemaTrace
4GYATP	Pos LMG	Pos LMG
4KCM8E	Pos KM	Pos KM
4LMCP6	Pos LMG	Pos LMG
4LU9GF	Pos Bluestar Obti test	Pos Bluestar Obti test
4M4JW9	Pos HemaTrace, KM	Pos HemaTrace, KM
4PUK3W	Pos PTMB, HemDirect	Pos PTMB, HemDirect
4QNB9B	Pos O-tol	Pos O-tol
4THWCL	Pos KM, HemaTrace, IR	Pos KM, HemaTrace, IR
4TPCBT	Pos KM	Pos KM
4U7JHW	Pos KM	Pos KM
4WE8YQ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
4ZFNKF	Pos HemaTrace	Pos HemaTrace
648FTC	Pos Hemastix	Pos Hemastix

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
64A2JP	Pos TMB, HemDirect	Pos TMB, HemDirect
662LF2	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
66EV24	Pos KM test	Pos KM test
6DH26P	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6EPJ4L	Pos KM, HEMEDIRECT	Pos KM, HEMEDIRECT
6JZ8DD	Pos KM	Pos KM
6MKUED	Pos PTMB	Pos PTMB
6NRALJ	Pos KM	Pos KM
6PAQ3B	Pos PTMB	Pos PTMB
6R2MR6	Pos KM	Pos KM
6RGDUG	Pos KM, HemaTrace	Pos KM
6TNXZ7	Pos KM	Pos KM
6WP2UD	Pos PTMB	Pos PTMB
6WRKZP	Pos KM	Pos KM
6WRW23	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
6XJR9Q	Pos TMB, HemDirect	Pos TMB, HemDirect
73CJ8R	Pos PTMB	Pos PTMB
746ZCG	Pos TMB	Pos TMB
74ZNFM	Pos KM	Pos KM
76DCGE	Pos KM	Pos KM
77DKAB	Pos PTMB	Pos PTMB
7D7EX4	Pos KM	Pos KM
7EXL22	Pos O-tol	Pos O-tol
7HYPTN	Pos KM	Pos KM
7P8TEF	Pos KM	Pos KM
7R7DKZ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
7ULX4F	Pos KM, HemaTrace	Pos KM, HemaTrace
7UWNPZ	Pos KM	Pos KM
7V28H3	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7VK28H	Pos KM, HemaTrace	Pos KM, HemaTrace
7W6KMA	Pos KM	Pos KM
7WK4WM	Pos KM	Pos KM
7XYYZ7	Pos PTH, HemaTrace, IR	Pos PTH

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
7ZGF72	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
847P4C	Pos PTMB	Pos PTMB
8863NG	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
8AMX26	Pos HemaTrace, KM	Pos HemaTrace, KM
8CENQF	Pos TMB	Pos TMB
8CGH6F	Pos KM, HemaTrace	Pos KM, HemaTrace
8CVZX2	Pos KM	Pos KM
8CYWN4	Pos KM, LMG, RSID	Pos KM, LMG, RSID
8D7PC8	Pos O-tol	Pos O-tol
8DHNA2	Pos KM, HemaTrace	Pos KM, HemaTrace
8GJPAY	Pos KM	Pos KM
8KRKQF	Pos BLUESTAR (luminol)	Pos BLUESTAR (luminol)
8LG7ND	Pos KM	Pos KM
8NB6K4	Pos red stained, O-tol, HemDirect	Pos red stained, O-tol, HemDirect
8NPTNF	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
8PL773	Pos ppth, O-tol, HemDirect	Pos ppth, O-tol, HemDirect
8TMAZA	Pos PTMB	Pos PTMB
8UT7HP	Pos KM	Pos KM
8Y64XN	Pos HemaStix (TMB), HemaTrace	Pos HemaStix (TMB), HemaTrace
8ZJFRM	Pos KM	Pos KM
8ZKCCG	Pos KM, HemaTrace	Pos KM, HemaTrace
8ZPRNH	Pos TMB	Pos TMB
93NUZG	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
94ET2F	Pos KM	Pos KM
97P46R	Pos LMG	Pos LMG
98UELP	Pos Phenolphthalein	Pos Phenolphthalein
98XBA7	Pos KM	Pos KM
9A2GL3	Pos KM, TMB	Pos KM, TMB
9CDJX6	Pos PTH, IR	Pos PTH, HemaTrace
9FC2VW	Pos KM	Pos KM
9G2XZE	Pos KM	Pos KM
9K9LZG	Pos KM, HemDirect card	Pos KM, HemDirect card
9LTATP	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9NMLW9	Pos PTMB	Pos PTMB
9PUBV8	Pos LMG	Pos LMG
9QL8K2	Pos KM/TMB	Pos KM/TMB
9RGTD8	Pos PTMB	Pos PTMB
9UUPA2	Pos KM	Pos KM
9W288W	Pos ALS, KM	Pos ALS, KM
9WUQKF	Pos HemaTrace	Pos HemaTrace
9Y7X9K	Pos LMG	Pos LMG
9YERF2	Pos H/stix positive	Pos H/stix positive
A3MWCL	Pos TMB, HemDirect	Pos TMB, HemDirect
A4FDG9	Pos PTMB	Pos PTMB
A6MTNE	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
A72HWV	Pos KM	Pos KM
A7CU4Y	Pos LMG	Pos LMG
A8QWED	Pos KM	Pos KM
ABZ4UB	Pos TMB	Pos TMB
ADKKW9	Pos PTMB	Pos PTMB
ADKXPQ	Pos TMB, HemDirect	Pos TMB, HemDirect
AENTXA	Pos KM	Pos KM
AFMVZJ	Pos TMB, HemDirect	Pos TMB, HemDirect
AHTDYE	Pos KM, HemaTrace	Pos KM
AKE389	Pos Hemastix	Pos Hemastix
ANRZEV	Pos KM	Pos KM
AP8AH4	Pos	Pos
AQAR8C	Pos LMG, HemaTrace	Pos LMG, HemaTrace
AQQDNL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ARJUUA	Pos LMG, HemaTrace	Pos LMG, HemaTrace
AUQPKL	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
AUXJR2	Pos KM	Pos KM
AV6NNP	Pos TMB	Pos TMB
AWAA4R	Pos PTMB	Pos PTMB
AWBXTH	Pos KM	Pos KM
AYKLAC	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
AYY6TA	Pos PTMB	Pos PTMB
AZ6CLX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
B3F6XB	Pos KM	Pos KM
B3G397	Pos TMB, HemDirect	Pos TMB, HemDirect
B3Y96B	Pos HemaTrace	Pos HemaTrace
B4VWYL	Pos KM	Pos KM
B7FFTb	Pos KM	Pos KM
B7UZ3N	Pos LMG, HemaTrace	Pos LMG, HemaTrace
B7XHAZ	Pos KM	Pos KM
B89WWC	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
BAU2DJ	Pos KM	Pos KM
BAUBYN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BCWAAG	Pos KM	Pos KM
BGJYHD	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
BL3Y8L	Pos KM	Pos KM
BM4L7B	Pos KM	Pos KM
BN9JX8	Pos Hemastix	Pos Hemastix
BNZ8TA	Pos KM	Pos KM
BNZR94	Pos KM	Pos KM
BRETCJ	Pos KM	Pos KM
BWLJFP	Pos KM	Pos KM
BX8A6F	Pos KM	Pos KM
BYHBTZ	Pos KM, HemaTrace	Pos KM, HemaTrace
BZN8BE	Pos KM	Pos KM
C3PU39	Pos KM	Pos KM
C6LEER	Pos KM	Pos KM
C78UG4	Pos O-tol	Pos O-tol
C7LHHV	Pos KM	Pos KM
C933RW	Pos KM	Pos KM
CC2DNW	Pos KM	Pos KM
CE4R8D	Pos KM	Pos KM
CG3CMW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
CH332R	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CJZFXH	Pos TMB, HemDirect	Pos TMB, HemDirect
CKAK39	Pos KM	Pos KM
CMYKNJ	Pos TMB	Pos TMB
CMYTHM	Pos TMB	Pos TMB
CRE27L	Pos TMB, HemDirect	Pos TMB, HemDirect
CT9HAN	Pos LMG	Pos LMG
CUGMPX	Pos KM	Pos KM
CVHU8C	Pos TMB	Pos TMB
CVUMQV	Pos KM	Pos KM
CYPH8A	Pos KM	Pos KM
CYT2DK	Pos KM	Pos KM
D37A6F	Pos TMB, HemDirect	Pos TMB, HemDirect
D3BMRB	Pos TMB	Pos TMB
D4DMBX	Pos KM	Pos KM
D6X7T9	Pos ABACard HemaTrace	Pos ABACard HemaTrace
D788MW	Pos LMG	Pos LMG
D7B743	Pos PTMB	Pos PTMB
D7LTYJ	Pos Phenolphthalein	Pos Phenolphthalein
D7U9B4	Pos PTMB	Pos PTMB
D9AA87	Pos PTMB	Pos PTMB
D9DRDH	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
DAAGY3	Pos PTMB	Pos PTMB
DCVX23	Pos KM	Pos KM
DENQWL	Pos TMB, Hem Direct	Pos TMB, Hem Direct
DFCE3W	Pos LMG	Pos LMG
DHDD9V	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DNNEFK	Pos LMG, HT	Pos LMG, HT
DQPMHA	Pos KM	Pos KM
DTPQZ4	Pos PTMB	Pos PTMB
DU8UXW	Pos KM	Pos KM
DUNYEA	Pos KM	Pos KM
DUYZNU	Pos KM	Pos KM
DXWG3A	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DY6739	Pos KM	Pos KM
DYJTDW	Pos KM, TMB	Pos KM, TMB
E28J38	Pos KM, HemaTrace	Pos KM, HemaTrace
E83J2F	Pos LMG	Pos LMG
E8H6BG	Pos KM	Pos KM
E8YYCR	Pos KM	Pos KM
E9A2ZB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
E9RBXF	Pos KM	Pos KM
E9RJRH	Pos TMB	Pos TMB
EAX67K	Pos KM	Pos KM
EBRVCY	Pos O-tol	Pos O-tol
EC9PD9	Pos KM	Pos KM
ED4XP3	Pos PTMB	Pos PTMB
EDML7W	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
EF7JYG	Pos KM	Pos KM
EFAT8G	Pos KM	Pos KM
EFLPAZ	Pos KM	Pos KM
EJ98RK	Pos KM	Pos KM
EK3XXZ	Pos O-tol	Pos O-tol
ELJ9P4	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
ENYU9C	Pos KM	Pos KM
EPLEG9	Pos KM, HemaTrace	Pos KM, HemaTrace
EPYBKR	Pos KM	Pos KM
EQWQ7K	Pos TMB, HemDirect	Pos TMB, HemDirect
ERNPKJ	Pos TMB, HemDirect	Pos TMB, HemDirect
EXNEHQ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EXRWP3	Pos Hemastix	Pos Hemastix
EYXEMX	Pos KM, HemaTrace	Pos KM, HemaTrace
F2M3V3	Pos KM	Pos KM
F2PNJK	Pos KM	Pos KM
F2ZLJV	Pos Hemastix	Pos Hemastix
F63NFC	Pos O-tol	Pos O-tol
F6MDPH	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
F8DFXQ	Pos KM, HemaTrace	Pos KM, HemaTrace
F977RL	Pos PTMB	Pos PTMB
FBJ7DY	Pos KM	Pos KM
FBUVXK	Pos KM	Pos KM
FBY2PE	Pos TMB, HemDirect	Pos TMB, HemDirect
FET7UK	Pos KM	Pos KM
FEY9BC	Pos TMB	Pos TMB
FFRTNF	Pos KM	Pos KM
FGKAU6	Pos LMG and HemaTrace	Pos LMG and HemaTrace
FHWP7	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FKXVP7	Pos KM	Pos KM
FNX4UG	Pos KM	Pos KM
FR3XLH	Pos TMB, HemDirect	Pos TMB, HemDirect
FWAFVK	Pos KM	Pos KM
FYFNED	Pos KM	Pos KM
G2MFRC	Pos LMG	Pos LMG
G3NNNA	Pos KM, HemaTrace	Pos KM, HemaTrace
G79FYC	Pos KM	Pos KM
GC6276	Pos KM	Pos KM
GFF9DD	Pos KM	Pos KM
GFK2A6	Pos KM, HemaTrace	Pos KM, HemaTrace
GGTMY2	Pos PTMB	Pos PTMB
GH7H2K	Pos PTMB	Pos PTMB
GHCXY	Pos KM	Pos KM
GJKD76	Pos KM, HemaTrace	Pos KM, HemaTrace
GLLQPK	Pos PTMB	Pos PTMB
GRCE7C	Pos LMG	Pos LMG
GX8U84	Pos KM	Pos KM
H6JXHF	Pos PTMB	Pos PTMB
H82RV4	Pos KM, HemaTrace	Pos KM, HemaTrace
HA8ZEW	Pos KM	Pos KM
HDF6BG	Pos TMB, HemDirect	Pos TMB, HemDirect
HE84PE	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HEJ2JZ	Pos Hemastix	Pos hemastix
HFVQVP	Pos KM	Pos KM
HHMMJJ	Pos KM	Pos KM
HLGQ3P	Pos O-tol	Pos O-tol
HPTTET	Pos	Pos
HTJTDH	Pos KM	Pos KM
HWNVG4	Pos PTMB	Pos PTMB
HXWG62	Pos PTMB	Pos PTMB
J77YYN	Pos KM	Pos KM
J8EJNK	Pos LMG, HemaTrace	Pos LMG, HemaTrace
J8MVRM	Pos KM	Pos KM
J9PJKE	Pos KM	Pos KM
JBC3LC	Pos KM	Pos KM
JBGHYD	Pos KM	Pos KM
JBL8MM	Pos KM	Pos KM
JCRGV8	Pos KM, HemaTrace	Pos KM, HemaTrace
JDQU6X	Pos PTMB	Pos PTMB
JFN92J	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
JJZBDL	Pos KM	Pos KM
JK9RRG	Pos KM	Pos KM
JLZWBE	Pos TMB, HemDirect	Pos TMB, HemDirect
JMTPWY	Pos Hemastix	Pos Hemastix
JPZ87D	Pos TMB, HemDirect	Pos TMB, HemDirect
JUHR7T	Pos KM	Pos KM
JUXJ96	Pos TMB	Pos TMB
JVU4V6	Pos KM, HemaTrace	Pos KM, HemaTrace
JWK3A3	Pos Hema-Trace	Pos Hema-Trace
JX9PFD	Pos KM	Pos KM
JXV2EL	Pos TMB	Pos TMB
JZ4PUF	Pos LMG	Pos LMG
K7E4NT	Pos O-tol, HemaTrace	Pos O-tol
KAZL7D	Pos KM	Pos KM
KF6GRY	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KFB7G9	Pos LMG	Pos LMG
KFVEEY	Pos KM	Pos KM
KJBZY8	Pos KM	Pos KM
KMACU8	Pos KM	Pos KM
KMVU67	Pos TMB, HemDirect	Pos TMB, HemDirect
KPZUDW	Pos PTMB	Pos PTMB
KQ4H63	Pos KM, RSID	Pos KM, RSID
KQTN9F	Pos LMG	Pos LMG
KTGRQ9	Pos TMB	Pos TMB
KTUGJ2	Pos KM	Pos KM
KV9MF3	Pos Hema-Trace	Pos Hema-Trace
KX9YZH	Pos PTMB	Pos PTMB
KYN9YB	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
L3XVZT	Pos KM	Pos KM
L8AW8H	Pos TMB (Combur), KM	Pos TMB (Combur), KM
L93UD4	Pos KM	Pos KM
LCAHD7	Pos KM	Pos KM
LEPUJJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LERCPU	Pos LMG, HemDirect	Pos LMG, HemDirect
LHN6EJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LJBWZT	Pos HemaTrace	Pos HemaTrace
LMQ6NT	Pos KM	Pos KM
LPQ6Z7	Pos KM	Pos KM
LQH2PZ	Pos KM	Pos KM
LRLVU6	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
LRWLFP	Pos LMG	Pos LMG
LRYP9J	Pos KM	Pos KM
LXN62W	Pos PTMB	Pos PTMB
LYY8MV	Pos PTMB	Pos PTMB
M2Z68J	Pos O-tol	Pos O-tol
M68VXC	Pos PTMB	Pos PTMB
M6FDVJ	Pos KM, AP	Pos KM, AP
M7JYLV	Pos O-tol, HemDirect	Pos O-tol, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
M7L4EJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
M8T4YJ	Pos	Pos
MBCQKW	Pos PTMB	Pos PTMB
MGBQQA	Pos KM	Pos KM
MHCHZ2	Pos KM, HemaTrace	Pos KM, HemaTrace
MHRA2B	Pos PTMB	Pos PTMB
MJ2RYH	Pos KM	Pos KM
MJZZXW	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
MKBWC8	Pos KM	Pos KM
MKR2U6	Pos LMG	Pos LMG
MNC3PR	Pos KM	Pos KM
MNY9LW	Pos HemaTrace	Pos HemaTrace
MRVK92	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
MVTNPH	Pos KM, ABACard HemaTrace	Pos KM, ABACard HemaTrace
MVV9LY	Pos KM	Pos KM
MYRTR4	Pos KM	Pos KM
N22PYW	Pos PTMB	Pos PTMB
N24RXW	Pos KM	Pos KM
N2TDVU	Pos PTMB	Pos PTMB
N6HDG6	Pos LMG	Pos LMG
N7RM8G	Pos TMB	Pos TMB
NF7VEG	Pos ABACard HemaTrace	Pos ABACard HemaTrace
NF9FBW	Pos KM	Pos KM
NK9MVU	Pos PTMB	Pos PTMB
NKRD6E	Pos PTMB	Pos PTMB
NPK3MA	Pos PTMB	Pos PTMB
NPX48K	Pos HemaTrace, KM	Pos HemaTrace, KM
NRP3LJ	Pos O-tol	Pos O-tol
NRW9YX	Pos Hema-Trace	Pos Hema-Trace
NU26XL	Pos KM	Pos KM
NUBPE7	Pos KM	Pos KM
NUYA2G	Pos Hem-Check	Pos Hem-Check
NXU2YU	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
NYATA3	Pos KM, HB	Pos KM, HB
P2QZTJ	Pos KM	Pos KM
P3RMWA	Pos TMB, HemDirect	Pos TMB, HemDirect
P6XR3N	Pos KM, HemaTrace	Pos KM, HemaTrace
P779GH	Pos KM	Pos KM
PB2BB9	Pos TMB, HemDirect	Pos TMB, HemDirect
PFTE8V	Pos PTMB	Pos PTMB
PK8J7T	Pos PTMB	Pos PTMB
PT4JFE	Pos KM	Pos KM
PWP2XZ	Pos KM, HD	Pos KM, HD
PXBE9A	Pos TMB, HemDirect	Pos TMB, HemDirect
PXD68U	Pos PTMB	Pos PTMB
PXFQ3A	Pos KM	Pos KM
PXMEVK	Pos KM	Pos KM
PXYH7Q	Pos KM	Pos KM
PZDDB6	Pos KM	Pos KM
PZFY8K	Pos LMG	Pos LMG
Q4KHPG	Pos KM	Pos KM
Q4ZART	Pos LMG, HemaTrace	Pos LMG, HemaTrace
Q64ABF	Pos KM	Pos KM
Q9Y28Y	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
QEQ92K	Pos KM	Pos KM
QFBEPU	Pos KM, HemaTrace	Pos KM, HemaTrace
QFNLK8	Pos LMG	Pos LMG
QGJTEK	Pos LMG	Pos LMG, HemaTrace
QJNPEE	Pos KM	Pos KM
QLHAQE	Pos RSID, TMB	Pos RSID, TMB
QLHJ3M	Pos IR, pth, HemaTrace	Pos pth
QM7M9W	Pos KM	Pos KM
QMFVKA	Pos LMG	Pos LMG
QMNZAE	Pos KM	Pos KM
QN38VV	Pos KM	Pos KM
QPAHRY	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
QQCK2G	Pos O-tol	Pos O-tol
QQVJYE	Pos KM	Pos KM
QUCH4F	Pos KM, HemaTrace	Pos KM, HemaTrace
QURA6Q	Pos PTMB	Pos PTMB
QVEJNM	Pos O-tol	Pos O-tol
QY2279	Pos HemaTrace, KM	Pos HemaTrace, KM
QY6TM8	Pos KM	Pos KM
QZB7KW	Pos KM, HemaTrace	Pos KM, HemaTrace
QZHKEN	Pos KM	Pos KM
R27FE3	Pos TMB, HemaTrace	Pos TMB, HemaTrace
R4TH6J	Pos LMG	Pos LMG
R4WA6Y	Pos TMB, HemDirect	Pos TMB, HemDirect
R63JWK	Pos Tetrabasebariumperoxide	Pos Tetrabasebariumperoxide
R7LN32	Pos LMG	Pos LMG
R9H4PR	Pos KM	Pos KM
RBDM4X	Pos LMG TEST	Pos LMG TEST
RET9N7	Pos KM	Pos KM
RGKGDE	Pos KM	Pos KM
RHNYZJ	Pos KM	Pos KM
RHTGRG	Pos KM	Pos KM
RLFBBF	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
RTB2CD	Pos KM	Pos KM
RTZBQR	Pos PTMB	Pos PTMB
RUKTH9	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
RVDYM7	Pos Pheno	Pos Pheno
RWH24W	Pos TMB	Pos TMB
RZBWBF	Pos KM	Pos KM
T2ZYRK	Pos KM	Pos KM
T3K3QP	Pos PTMB	Pos PTMB
T7GQ6B	Pos KM	Pos KM
T7X3MG	Pos KM	Pos KM
T8DTPT	Pos KM	Pos KM
T9LQE4	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TAZDQQ	Pos KM	Pos KM
TBBMU3	Pos LMG, HemaTrace	Pos LMG, HemaTrace
TBNZW2	Pos KM	Pos KM
TDFYBY	Pos LMG	Pos LMG
TEV8NR	Pos KM	Pos KM
TK379B	Pos KM	Pos KM
TLQAQ4	Pos TMB, Hemdirect	Pos TMB, Hemdirect
TPNQYU	Pos HT	Pos KM, HT
TQ7GE3	Pos TMB	Pos TMB
TQGGZD	Pos KM	Pos KM
TTTELU	Pos TMB	Pos TMB
TUL3XC	Pos KM and Combur (TMB)	Pos KM and Combur (TMB)
TW9DQT	Pos PTMB	Pos PTMB
TY834Q	Pos KM	Pos KM
TY9ZEL	Pos KM	Pos KM
TYF7R2	Pos TMB, Hemdirect	Pos TMB, hemdirect
U42JVB	Pos KM	Pos KM
U49XQ3	Pos LMG	Pos LMG
U6AQZP	Pos PTMB	Pos PTMB
U6CCW6	Pos KM	Pos KM
U6V6N2	Pos KM	Pos KM
U8MZDV	Pos KM, HemaTrace	Pos KM, HemaTrace
UA6KXQ	Pos KM	Pos KM
UB4JGY	Pos LMG	Pos LMG, HemaTrace
UCGRKV	Pos KM, Hb HemeDirect	Pos KM, Hb HemeDirect
UCKN32	Pos TMB	Pos TMB
UE9NAP	Pos PTMB	Pos PTMB
UK6TYG	Pos KM	Pos KM
UKDMKF	Pos KM	Pos KM
UKX2BD	Pos ALS, LMG, TMB, RSID	Pos ALS, LMG, TMB, RSID
UMZBEM	Pos TMB, HemDirect	Pos TMB, HemDirect
UNC7XU	Pos TMB	Pos TMB
UP9QKT	Pos KM, RSID-Blood	Pos KM, RSID-Blood

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UR3UTF	Pos KM	Pos KM
URVXUA	Pos KM	Pos KM
UTMC63	Pos KM	Pos KM
UVGFCU	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
UWJ4BE	Pos KM, HemaTrace	Pos KM, HemaTrace
UWNXBQ	Pos PTMB	Pos PTMB
UXC7R2	Pos KM	Pos KM
V2BGM2	Pos KM	Pos KM
V3AAMX	Pos LMG	Pos LMG
V427BR	Pos KM, HemaTrace	Pos KM, HemaTrace
V73TGD	Pos KM	Pos KM
V7KXWQ	Pos KM, HemaTrace	Pos KM, HemaTrace
V847DA	Pos Hemastix, LMG, RSID	Pos Hemastix, LMG, RSID
V8JZYY	Pos TMB, HemDirect	Pos TMB, HemDirect
VDVDWH	Pos KM	Pos KM
VEFZY2	Pos KM	Pos KM
VF24CT	Pos TMB	Pos TMB
VFWJA4	Pos PTMB	Pos PTMB
VFXNZT	Pos KM, HemaTrace	Pos KM, HemaTrace
VHV8M2	Pos KM	Pos KM
VHZMY2	Pos KM	Pos KM
VJCAJ2	Pos Phenolphthalein	Pos Phenolphthalein
VKH6UR	Pos KM, HemaTrace	Pos KM, HemaTrace
VN27PD	Pos KM	Pos KM
VN84G3	Pos KM	Pos KM
VNPRR9	Pos KM	Pos KM
VQ8L7H	Pos O-tol, RSID	Pos O-tol
VQJFEB	Pos KM	Pos KM
VQVCJF	Pos PTMP	Pos PTMP
VTYKKF	Pos KM	Pos KM
VUPJYE	Pos KM, TMB	Pos KM, TMB
VUXMMP	Pos KM	Pos KM
WQ7GG	Pos KM; HemaTrace	Pos KM; HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VVV9Y3	Pos LMG	Pos LMG
VWXWGF	Pos KM	Pos KM
W26P9Q	Pos KM	Pos KM
W2EH4J	Pos KM	Pos KM
W2WAC4	Pos TMB	Pos TMB
W3JBKD	Pos KM, TMB	Pos KM, TMB
W4VY6D	Pos LMG	Pos LMG
W6CVWD	Pos KM	Pos KM
W9PVT4	Pos KM (pheno)	Pos KM (pheno)
WBFBL4	Pos LMG	Pos LMG
WCUZLV	Pos KM	Pos KM
WEYX7J	Pos KM	Pos KM
WGGE8D	Pos LMG	Pos LMG
WHVMC8	Pos KM	Pos KM
WKFP4C	Pos LMG	Pos LMG, HemaTrace
WUXBTM	Pos PTMB	Pos PTMB
WV4ZTB	Pos KM	Pos KM
WYNMUB	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
X4UDGV	Pos TMB, HemDirect	Pos TMB, HemDirect
X6RBHW	Pos TMB, HemaTrace	Pos TMB, HemaTrace
X7ZQ6P	Pos TMB	Pos TMB
X8GFFA	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
XA2VQY	Pos KM	Pos KM
XAZ22P	Pos TMB	Pos TMB
XDJ2EJ	Pos TMB, HemDirect	Pos TMB, HemDirect
XGHC9X	Pos TMB, HemDirect	Pos TMB, HemDirect
XGZGFD	Pos KM	Pos KM
XJB9WR	Pos LMG TEST	Pos LMG TEST
XJMZPA	Pos RSID Blood	Pos RSID Blood
XMPUG2	Pos KM	Pos KM
XTFB2P	Pos TMB	Pos TMB
XTNPRK	Pos KM	Pos KM
XVY9DB	Pos KM, TMB	Pos KM, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XYFQGD	Pos LMG	Pos LMG
XZT8MZ	Pos KM	Pos KM
Y2EBVX	Pos KM	Pos KM
Y4BEQW	Pos KM	Pos KM
Y4WREA	Pos KM	Pos KM
Y8R6ZV	Pos LMG	Pos LMG
YAB7X3	Pos PTMB	Pos PTMB
YCE2EJ	Pos KM	Pos KM
YDTQHW	Pos KM	Pos KM
YEKL7Q	Pos KM, HemaTrace	Pos KM, HemaTrace
YEUHQN	Pos TMB, HemDirect	Pos TMB, HemDirect
YFKG6M	Pos KM	Pos KM
YGG2RL	Pos KM	Pos KM
YH878N	Pos KM	Pos KM
YHLHX7	Pos KM	Pos KM
YKVMCU	Pos Phenolphthalein	Pos Phenolphthalein
YLQMQX	Pos LMG	Pos LMG
YRAH74	Pos PTMB	Pos PTMB
YRBAKY	Pos KM	Pos KM
YTL8K9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YVJBVV	Pos TMB, HemDirect	Pos TMB, HemDirect
YWQQU3	Pos PTMB	Pos PTMB
YZ4QQU	Pos KM	Pos KM
YZD6TW	Pos TMB, HemDirect	Pos TMB, HemDirect
Z39GRH	Pos Hemastix	Pos Hemastix
Z6AT4A	Pos KM	Pos KM
ZB3NC9	Pos KM, TMB	Pos KM, TMB
ZCDQX8	Pos KM	Pos KM
ZFY9FR	Pos KM, HemaTrace,	Pos KM, HemaTrace
ZGTYL8	Pos KM, TMB	Pos KM, TMB
ZHBF3X	Pos KM, HemaTrace	Pos KM, HemaTrace
ZJHUA4	Pos KM	Pos KM
ZJVWWY	Pos PTMB, HemDirect	Pos PTMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ZKDDDQ	Pos KM, HemDirect	Pos KM, HemDirect
ZM6A3K	Pos PTMB	Pos PTMB
ZMKVCL	Pos PTMB	Pos PTMB
ZN9WUQ	Pos KM, HemaTrace	Pos KM, HemaTrace
ZNN2NH	Pos Hemastix	Pos Hemastix
ZNP36A	Pos KM	Pos KM
ZQ2RRJ	Pos KM, HemDirect	Pos KM, HemDirect
ZRTP6T	Pos KM	Pos KM
ZRZ4ZL	Pos KM, HemaTrace	Pos KM, HemaTrace
ZVMJ3U	Pos KM	Pos KM
ZWJ4PU	Pos KM	Pos KM

Table 1a: Serology Screening Response Summary - Blood			Participants: 603
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	603	603	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	0	0	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
22V7PU	Neg ALS, AP	Pos ALS, AP, Micro, PSA
279E4Y	Neg AP	Pos AP, Micro, PSA
284PMM	Neg BCIP	Pos BCIP, Micro, p30
2A99LX	Neg BCIP	Pos BCIP, Micro
2BKWBM	Neg AP	Pos AP, Micro, PSA
2CF676	Neg ALS, AP, Micro	Pos ALS, AP, Micro
2DQF2K	Neg PSA	Pos PSA
2FXW9E	Neg AP	Pos AP, PSA
2G7EF3	Neg ALS, AP	Pos ALS, AP, Micro
2L32CC	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
2LGZ6W	Neg ALS, AP	Pos ALS, AP
2MPBV9	Neg AP	Pos AP
2NE9QL	Neg AP, Micro, PSA	Pos AP, Micro, PSA
2Q9H6U	Neg ALS, AP, Micro	Pos ALS, AP, Micro
2RDKLL	Neg AP, Micro	Pos AP, Micro
2TK7TX	Neg ALS, AP	Pos ALS, AP, Micro, PSA
2V4YV3	Neg AP, Micro	Pos AP, Micro
2V6JKU	Neg AP	Pos AP, Micro
2XFX2V	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2ZTLFA	Neg AP, PSA, Micro	Pos AP, PSA, Micro
33FMY3	Neg AP, PSA, Micro	Pos AP, PSA, Micro
343BV9	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
348T3Z	Neg ALS, Micro, p30, AP	Pos ALS, Micro, p30, AP
36M279	Neg AP	Pos AP, Micro
36QKCK	Neg AP, Micro	Pos AP, Micro
38UBKK	Neg AP, PSA, Micro	Pos AP, PSA, Micro
3C84H6	Neg ALS, AP	Pos ALS, AP, Micro, RSID Semenogelin
3CMCKE	Neg ALS, AP	Pos ALS, AP, PSA, Micro
3DQ8R4	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
3EF9A9	Neg AP	Pos AP
3H2C8A	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
3L2ZWR	Neg AP, Micro, PSA	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
3LB7ZG	Neg AP	Pos AP, Micro
3LDQWW	Neg AP	Pos AP, Micro
3NQWBP	Neg AP, Micro, PSA	Pos AP, Micro, PSA
3PW398	Neg ap, Micro	Pos ap, Micro
3QAKLL	Neg AP	Pos AP, Micro
3QBG6F	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
3UP3PN	Neg AP, PSA, Micro	Pos AP, PSA, Micro
3UVTWB	Neg AP	Pos AP, PSA, Micro
3XU8HF	Neg AP	Pos AP, Micro
3XUKCH	Neg AP, PSA, Micro	Pos AP, PSA, Micro
4296P3	Neg ALS, AP	Pos ALS, AP, Micro
43D3WL	Neg AP	Pos AP, Micro
478N4G	Neg AP, PSA, Micro	Pos AP, PSA, Micro
4793N2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
48MMGC	Neg ALS, AP	Pos ALS, AP, PSA, Micro
4A48RD	Neg AP	Pos AP, Micro
4B96YW	Neg AP	Pos AP, Micro
4E8JLM	Neg ALS, AP	Pos ALS, AP, PSA, Micro
4KCM8E	Neg AP, Micro	Pos AP, Micro
4LMCP6	Neg AP	Pos AP, PSA, Micro
4LU9GF	Neg PSA-CHECK-1 test	Pos PSA-CHECK-1 test
4M4JW9	Neg Micro, PSA	Pos Micro, PSA
4PUK3W	Neg ALS, AP	Pos ALS, AP, PSA, Micro
4QNB9B	Neg AP, PSA	Pos AP, PSA
4THWCL	Neg ALS, BCIP, PSA, Micro	Pos ALS, BCIP, PSA, Micro
4TPCBT	Neg AP	Pos AP, Micro
4WE8YQ	Neg AP, Micro, PSA	Pos AP, Micro, PSA
4ZFNKF	Neg p30, Micro (Christmas Tree)	Pos p30, Micro (Christmas Tree)
648FTC	Neg PSA and Micro	Pos PSA and Micro
64A2JP	Neg AP, Micro, PSA	Pos AP, Micro, PSA
662LF2	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
66EV24	Neg AP screen and extraction	Pos AP screen and extraction
6DH26P	Neg ALS, AP	Pos ALS, AP, PSA, Micro
6EPJ4L	Neg AP	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6JZ8DD	Neg AP, Micro	Pos AP, Micro
6MKUED	Neg AP	Pos AP, Micro
6NRALJ	Neg AP	Pos AP, Micro
6PAQ3B	Neg AP	Pos AP, Micro
6R2MR6	Neg ALS, AP	Pos AP, ALS, Micro
6RGDUG	Neg AP, Micro	Pos AP, Micro
6TNXZ7	Neg ALS, AP	Pos ALS, AP, PSA, Micro
6WP2UD	Neg AP	Pos AP, Micro
6WRKZP	Neg ALS, AP, Micro	Pos ALS, AP, Micro
6WRW23	Neg PSA	Pos PSA
6XJR9Q	Neg ALS, AP	Pos ALS, AP, PSA, Micro
73CJ8R	Neg AP	Pos AP, Micro
746ZCG	Neg ALS, AP	Pos ALS, AP
74ZNFM	Neg AP	Pos AP, Micro
76DCGE	Neg ALS, AP	Pos ALS, AP, PSA
77DKAB	Neg AP	Pos AP, Micro
7D7EX4	Neg ALS, PSA	Pos ALS, PSA, Micro
7EJYPE	NT	Pos Microscopy
7EXL22	Neg AP, PSA	Pos AP, PSA
7HYPTN	Neg AP	Pos AP, Micro
7P8TEF	Neg AP, Micro	Pos Micro
7R7DKZ	Neg AP	Pos AP, PSA, Micro
7ULX4F	Neg AP	Pos AP, PSA, Micro
7UWNPZ	Neg ALS	Pos ALS, AP
7V28H3	Neg AP, PSA, Micro	Pos AP, PSA, Micro
7VK28H	Neg AP, PSA, Micro	Pos AP, PSA, Micro
7W6KMA	Neg AP	Pos AP, Micro
7WK4WM	Neg AP	Pos AP, Micro
7XYYZ7	Neg AP, Micro	Pos AP, PSA, Micro, ALS
7ZGF72	Neg AP	Pos AP, Micro
847P4C	Neg AP	Pos AP, Micro
8863NG	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
8AMX26	Neg PSA, Micro	Pos PSA, Micro
8CENQF	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
8CGH6F	Neg AP, Micro, PSA	Pos AP, Micro, PSA
8CVZX2	Neg ALS, AP	Pos AP, ALS (ALS was negative)
8CYWN4	Neg AP, Micro, p30, ALS	Pos AP, Micro, p30, ALS
8D7PC8	Neg AP	Pos AP
8DHNA2	Neg PSA, Micro	Pos PSA, Micro
8GJPAY	Neg AP	Pos AP
8KRKQF	Neg AP	Pos AP
8LG7ND	Neg AP	Pos AP, Micro
8NB6K4	Neg AP	Pos AP
8NPTNF	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
8PL773	Neg AP spot, ALS, diff digest	Pos AP spot, ALS, diff digest
8TMAZA	Neg ALS, AP	Pos ALS, AP, Micro
8UT7HP	Neg AP	Pos AP, Micro
8Y64XN	Neg ALS, AP	Pos ALS, AP
8ZJFRM	Neg AP	Pos AP, Micro
8ZKCCG	Neg AP	Pos AP, Micro
8ZPRNH	Neg AP	Pos AP, Micro
93NUZG	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
94ET2F	NT	Pos Micro
97P46R	Neg AP	Pos AP, Micro, PSA
98AKW9	NT	Pos Microscopic
98UJELP	Neg BCIP	Pos BCIP, Micro
98XBA7	Neg AP, Micro, PSA	Pos AP, Micro, PSA
9A2GL3	Neg AP	Pos AP, PSA, Micro
9CDJX6	Neg AP, ALS	Pos AP, Micro, p30
9FC2VW	Neg BCIP	Pos BCIP, Micro
9G2XZE	Neg PSA	Pos PSA
9K9LZG	Neg AP, Micro, PSA card	Pos AP, Micro, PSA card
9LTATP	Neg AP	Pos AP, PSA
9NMLW9	Neg AP	Pos AP, Micro
9PUBV8	Neg ALS, AP	Pos ALS, AP, PSA, Micro
9QL8K2	Neg AP	Pos AP
9RGTDR	Neg AP	Pos AP, Micro
9UUPA2	Neg AP, ALS	Pos AP, ALS, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9W288W	Neg ALS, AP	Pos ALS, AP, Micro
9WUQKF	Neg p30	Pos p30, Micro
9Y7X9K	Neg ALS	Neg ALS
9YERF2		Pos Brent Positive
A3MWCL	Neg ALS, AP	Pos ALS, AP, Micro, PSA
A4FDG9	Neg AP	Pos AP, Micro
A6MTNE	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
A72HWV	Neg AP, PSA	Pos AP, PSA, Microscopy-Sperm
A7CU4Y	Neg AP / Slide	Pos AP / Slide
A8QWED	Neg AP, Micro, PSA	Pos AP, Micro
ABZ4UB	Neg AP, Micro.	Pos AP, Micro.
ADKKW9	Neg AP	Pos AP, Micro
ADKXPQ	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
AENTXA	Neg AP, Micro	Pos AP, Micro
AFMVZJ	Neg AP, Micro	Pos AP, Micro, PSA
AHTDYE	Neg PSA, Micro	Pos ALS, BCIP, PSA, Micro
AKE389	Neg PSA/Micro	Pos PSA/Micro
ANRZEV	Neg AP, Micro	Pos AP, Micro
AP8AH4	Neg	Pos
AQAR8C	Neg AP, Micro, PSA	Pos AP, Micro, PSA
AQQDNL	Neg AP, PSA, Micro	Pos AP, PSA, Micro
ARJUUA	Neg AP, Micro, PSA	Pos AP, Micro, PSA
AUXJR2	Neg ALS	Pos ALS, PSA, Micro
AV6NNP	Neg ALS, AP	Pos ALS, AP
AWAA4R	Neg AP	Pos AP, Micro
AWBXTH	Neg AP Micro ABACard p30	Pos AP Micro ABACard p30
AYKLAC	Neg AP	Pos AP, PSA, Micro
AYY6TA	Neg AP	Pos AP, Micro
AZ6CLX	Neg AP	Pos AP, PSA, Micro
B3F6XB	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
B3G397	Neg ALS, AP	Pos ALS, AP, Micro, PSA
B3Y96B	Neg p30	Pos p30
B4VWYL	Neg AP, PSA, Micro	Pos AP, PSA, Micro
B7FFTb	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
B7XHAZ	Neg AP	Pos AP, Micro
B89WWC	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
BAU2DJ	Neg AP	Pos AP, PSA, Micro
BAUBYN	Neg ALS, AP	Pos ALS, AP, PSA, Micro
BCWAAG	Neg AP	Pos AP, Micro
BGJYHD	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
BL3Y8L	Neg ALS, PSA	Pos ALS, PSA, Micro
BM4L7B	Neg AP, Micro, PSA	Pos AP, Micro, PSA
BN9JX8	Neg PSA, Micro	Pos PSA, Micro
BNZ8TA	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
BNZR94	Neg AP, Micro, PSA	Pos AP, Micro, PSA
BRETCJ	Neg AP	Pos AP, Micro, p30
BX8A6F	Neg AP, Micro, PSA	Pos AP, Micro
BYHBTZ	Neg AP, Micro, PSA	Pos AP, Micro, PSA
BZN8BE	Neg AP	Pos AP, PSA, Micro
C3PU39	Neg PSA	Pos PSA
C6LEER	Neg ALS, AP	Pos ALS, AP, Micro
C78UG4	Neg AP	Pos AP
C7LHHV	Neg AP	Pos AP
C933RW	Neg ALS, AP	Pos ALS, AP, Micro
CC2DNW	Neg ALS, AP	Pos ALS, AP, Micro
CE4R8D	Neg AP	Pos ALS, AP, Micro
CG3CMW	Neg AP, Micro, PSA	Pos AP, Micro, PSA
CH332R	Neg ALS, AP	Pos ALS, AP, PSA, Micro
CJZFXH	Neg AP, Micro, PSA	Pos AP, Micro, PSA
CKAK39	Neg AP, PSA, Micro	Pos AP, PSA, Micro
CMYKNJ	Neg ALS, AP	Pos ALS, AP, PSA, Micro
CMYTHM	Neg ALS, AP	Pos ALS, AP
CRE27L	Neg ALS, AP	Pos ALS, AP, Micro, PSA
CT9HAN	Neg AP	Pos AP, Micro, PSA
CUGMPX	Neg ALS, AP	Pos ALS, AP, Micro
CVHU8C	Neg AP	Pos AP, Micro
CVUMQV	Neg ALS, AP	Pos ALS, AP
CYPH8A	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CYT2DK	Neg AP	Pos AP, PSA, Micro
D37A6F	Neg AP, Micro, PSA	Pos AP, Micro, PSA
D3BMRB	Neg AP	Pos AP, Micro
D4DMBX	Neg AP, ALS	Pos AP, PSA, Micro, ALS
D6X7T9	Neg ABACard p30	Pos ABACard p30
D788MW	Neg ALS, AP	Pos ALS, AP, PSA
D7B743	Neg ALS, AP, Micro	Pos ALS, AP, Micro
D7LTYJ	Neg BCIP	Pos BCIP, Micro
D7U9B4	Neg AP	Pos AP, Micro
D9AA87	Neg AP	Pos AP, Micro
D9DRDH	Neg ALS, AP	Pos ALS, AP, p30, Micro
DAAGY3	Neg AP	Pos AP, Micro
DCVX23	Neg PSA	Pos PSA
DENQWL	Neg ALS, AP	Pos ALS, AP, Micro, PSA
DFCE3W	Neg ALS, AP	Pos ALS, AP, Micro, PSA
DHDD9V	Neg AP, PSA, Micro	Pos AP, PSA, Micro
DNNEFK	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
DQPMHA	Neg AP, Micro	Pos AP, Micro
DTPQZ4	Neg AP	Pos AP & Micro
DU8UXW	Neg ALS	Pos ALS, PSA, Micro
DUNYEA	Neg AP, Micro	Pos AP, Micro
DUYZNU	Neg ALS, AP	Pos ALS, AP, Micro
DXWG3A	Neg AP	Pos AP, PSA, Micro
DY6739	Neg AP, Micro for Sperm, ALS	Pos AP, Micro for Sperm, ALS
DYJTDW	Neg AP, PSA, Micro	Pos AP, PSA, Micro
E28J38	Neg AP	Pos AP, Micro, PSA
E8H6BG	Neg AP	Pos AP, PSA, Micro
E8YYCR	Neg ALS, AP	Pos ALS, AP, Micro
E9A2ZB	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
E9RBXF	Neg AP, Micro, ABACard p30	Pos AP, Micro, ABACard p30
E9RJRH	Neg ALS, AP	Pos ALS, AP
EAX67K	Neg AP, Micro, p30	Pos AP, Micro, p30
EBRVCY	Neg AP	Pos AP, PSA
EC9PD9	Neg AP, Micro	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ED4XP3	Neg AP	Pos AP, Micro
EDML7W	Neg AP, PSA	Pos AP, PSA
EF7JYG	Neg ALS, AP, Micro	Pos ALS, AP, Micro
EFAT8G	Neg AP	Pos AP, Micro
EFLPAZ	Neg ALS, Micro, p30	Pos ALS, Micro
EJ98RK	Neg AP	Pos AP, Micro
EK3XXZ	Neg AP	Pos AP, PSA
ELJ9P4	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
ENYU9C	Neg AP, Micro & PSA	Pos AP & Micro
EPLG9	Neg AP	Pos AP, PSA, Micro
EPYBKR	Neg ALS, AP	Pos ALS, AP, Micro
EQWQ7K	Neg ALS, AP	Pos ALS, AP, Micro, PSA
ERNPKJ	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
EXNEHQ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
EXRWP3	Neg PSA, Micro	Pos PSA, Micro
EYXEMX	Neg Micro, PSA	Pos Micro, PSA
F2M3V3	Neg AP	Pos AP, Light Microscopy
F2PNJK	Neg AP	Pos AP, Micro
F2ZLJV	Neg Brentamine	Pos Brentamine
F6MDPH	Neg ALS, AP	Pos ALS, AP, Micro, PSA
F8DFXQ	Neg AP	Pos AP, Micro
F977RL	Neg AP, Micro	Pos AP, Micro
FBJ7DY	Neg AP, Micro, PSA	Pos AP, Micro, PSA
FBUVXK	Neg ALS	Pos ALS, AP, PSA, Micro
FBY2PE	Neg AP, Micro, PSA	Pos AP, Micro, PSA
FET7UK	Neg ALS and BCIP	Pos ALS, BCIP, p30, and Micro
FEY9BC	Neg AP	Pos AP
FFRTNF	Neg AP, PSA, Micro	Pos AP, PSA, Micro
FGKAU6	Neg AP, Micro, PSA	Pos AP, Micro, and PSA
FHWPN7	Neg AP, Micro, PSA	Pos AP, Micro, PSA
FKXVP7	Neg ALS, AP, PSA	Pos ALS, AP, Micro
FNX4UG	Neg AP	Pos AP, Micro
FR3XLH	Neg ALS, AP	Pos ALS, AP, Micro, PSA
FWAFVK	Neg BCIP	Pos Micro, BCIP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
FYFNED	Neg AP	Pos AP; Micro
G2MFRC	Neg AP	Pos AP, Micro
G3NNNA	Neg AP	Pos AP, Micro
G79FYC	Neg AP	Pos AP, Micro
GC6276	Neg AP, Micro	Pos AP, Micro
GFF9DD	Neg AP	Pos AP, PSA, Micro
GFK2A6	Neg AP	Pos AP, PSA, Micro
GGTMY2	Neg AP	Pos AP, Micro
GH7H2K	Neg AP, Micro	Pos AP, Micro
GHCXY	Neg AP, Micro, p30	Pos AP, Micro, p30
GJKD76	Neg AP	Pos AP, PSA, Micro
GRCE7C	Neg ALS, AP	Pos ALS, AP, Micro, PSA
GX8U84	Neg PSA	Pos PSA
H6JXHF	Neg AP	Pos AP, Micro
H82RV4	Neg AP, PSA, Micro, ALS	Pos AP, PSA, Micro, ALS
H9TQA2	Neg Micro	Pos Micro
HA8ZEW	Neg AP	Pos AP
HDF6BG	Neg ALS, AP	Pos ALS, AP, Micro, PSA
HE84PE	Neg AP, Micro, PSA	Pos AP, Micro, PSA
HEJ2JZ	Neg p30, Micro	Pos p30, Micro
HFVQVP	Neg AP	Pos AP, Micro
HHMMJJ	Neg BCIP	Pos BCIP, PSA, Micro
HLGQ3P	Neg AP, PSA, ALS	Pos AP, PSA, ALS
HPTTET	Neg ALS, AP, PSA, RSID	Pos AP, PSA, RSID
HTJTDH	Neg AP	Pos AP, Micro
HWNVG4	Neg AP	Pos AP, Micro, PSA
HXWG62	Neg ALS, AP	Pos AP, Micro
J77YYN	Neg AP	Pos AP, Micro
J8EJNK	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
J8MVRM	Neg AP, Micro	Pos AP, Micro
J9PJKE	Neg ALS, AP	Pos ALS, AP
JBC3LC	Neg ALS	Pos ALS, PSA, Micro
JBGHYD	Neg AP	Pos AP, Micro
JBL8MM	Neg AP, Micro	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
JCRGV8	Neg AP, PSA	Pos AP, PSA, Micro
JDQU6X	Neg AP, ALS	Pos AP, Micro, ALS
JFN92J	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
JJZBDL	Neg ALS, AP	Pos ALS, AP, Micro
JK9RRG	Neg AP	Pos AP, Micro
JLZWBE	Neg AP	Pos AP, Micro, PSA
JMTPWY	Neg PSA and Micro	Pos PSA and Micro
JPZ87D	Neg AP, Micro, PSA	Pos AP, Micro, PSA
JUHR7T	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
JUXJ96	Neg AP	Pos AP, Micro
JVU4V6	Neg AP	Pos AP, Micro
JWK3A3	Neg p30	Pos p30
JX9PFD	Neg AP	Pos AP, PSA, Micro
JXV2EL	Neg AP	Pos AP, Micro
JZ4PUF	Neg AP	Pos AP, Micro, PSA
K7E4NT	Neg AP	Pos AP, PSA
KAZL7D	Neg ALS, AP	Pos ALS, AP
KF6GRY	Neg AP	Pos AP, Micro
KFVEEY	Neg AP	Pos AP, Micro
KJBZY8	Neg AP, PSA, Micro	Pos AP, Micro
KMACU8	Neg AP, PSA, & Micro	Pos AP & Micro
KMVU67	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
KPZUDW	Neg AP	Pos AP, Micro
KQ4H63	Neg PSA	Pos PSA, Micro
KQTN9F	Neg AP	Pos AP, Micro, PSA
KTGRQ9	Neg AP	Pos AP
KTUGJ2	Neg PSA	Pos PSA
KV9MF3	Neg p30, Micro	Pos p30, Micro
KX9YZH	Neg AP	Pos AP, Micro
KYN9YB	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
L3XVZT	Neg ALS, Micro, PSA	Pos ALS, Micro
L8AW8H	Neg AP, PSA	Pos AP, PSA
L93UD4	Neg AP, Micro	Pos AP, Micro
LCAHD7	Neg AP, Micro	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LEPUJJ	Neg AP, Micro, PSA	Pos AP, Mico, PSA
LERCPU	Neg ALS, AP	Pos ALS, AP, PSA, Micro
LHN6EJ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
LJBWZT	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
LMQ6NT	Neg AP, Micro	Pos AP, Micro
LPQ6Z7	Neg AP	Pos AP, Micro
LQH2PZ	Neg AP	Pos AP, PSA
LRLVU6	Neg ALS, PSA, Micro	Pos ALS, PSA, Micro
LRWLFP	Neg ALS, AP	Pos ALS, AP, PSA
LRYP9J	Neg ALS, AP	Pos ALS, AP, Micro
LXN62W	Neg AP	Pos AP, Micro
LYY8MV	Neg AP	Pos AP, Micro
M2Z68J	Neg AP	Pos AP, Micro
M68VXC	Neg AP	Pos AP, Micro
M6FDVJ	Neg	Pos
M7JYLV	Neg AP	Pos AP, PSA, Micro
M7L4EJ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
M8T4YJ	Neg	Pos
MBCQKW	Neg AP	Pos AP, Micro
MGBQQA	Neg ALS, PSA	Pos ALS, PSA, Micro
MHCHZ2	Neg AP	Pos AP, Micro
MHRA2B	Neg AP	Pos AP, Micro
MJ2RYH	Neg AP, Micro	Pos AP, Micro
MJJZXW	Neg AP, PSA, Micro	Pos AP, PSA, Micro
MKBWC8	Neg AP	Pos AP, Micro
MKR2U6	Neg ACP	Pos ACP, Micro
MNC3PR	Neg ALS, Micro, PSA	Pos ALS, Micro
MNY9LW	Neg PSA (p30), Christmas Tree (Micro)	Pos PSA (p30), Christmas Tree (Micro)
MRVK92	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
MVTNPH	Neg Acid Phosphatase, Micro, ABACard p30	Pos Acid Phosphatase, Micro, ABACard p30
MV9LY	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
MYRTR4	Neg AP, Micro	Pos AP, Micro
N22PYW	Neg AP	Pos AP, Micro
N24RXW	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
N2TDVU	Neg AP	Pos AP, Micro
N6HDG6	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
N7RM8G	Neg AP	Pos AP, Micro
NF7VEG	Neg ABACard p30, Micro	Pos ABACard p30, Micro
NF9FBW	Neg ALS, AP, PSA, Micro (Sperm)	Pos ALS, AP, PSA, Micro (Sperm)
NK9MVU	Neg ALS, AP	Pos ALS, AP, Micro
NKRD6E	Neg AP	Pos AP, Micro
NPK3MA	Neg AP	Pos AP, Micro
NPX48K	Neg PSA, Micro	Pos PSA, Micro
NRP3LJ	Neg PSA, AP, ALS	Pos PSA, AP, ALS
NRW9YX	Neg p30	Pos p30
NU26XL	Neg ALS, AP	Pos ALS, AP, Micro
NUBPE7	Neg AP, Micro	Pos AP, Micro
NUYA2G	Neg PSA	Pos PSA
NXU2YU	Neg AP	Pos AP, Micro
NYATA3	Neg AP	Pos AP, Micro, PSA
P2QZTJ	Neg AP	Pos AP
P3RMWA	Neg ALS, AP	Pos ALS, AP, Micro, PSA
P6XR3N	Neg AP	Pos AP, Micro, PSA30
P779GH	Neg AP	Pos AP, Micro
PB2BB9	Neg ALS, AP	Pos ALS, AP, Micro, PSA
PFTE8V	Neg AP	Pos AP, Micro
PK8J7T	Neg AP	Pos AP, Micro
PT4JFE	Neg AP	Pos AP, Micro
PWP2XZ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
PXBE9A	Neg ALS, AP	Pos ALS, AP, Micro, PSA
PXD68U	Neg AP	Pos AP, Micro
PXMEVK	Neg ALS, AP	Pos ALS, AP, Micro, PSA
PXYH7Q	Neg AP	Pos AP, PSA
PZDDB6	Neg AP	Pos AP, Micro
PZFY8K	Neg AP	Pos AP, Micro
Q4KHPG	Neg ALS, AP	Pos ALS, AP, Micro
Q4ZART	Neg AP, Micro, PSA	Pos AP, Micro, PSA
Q64ABF	Neg AP	Pos AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
Q9Y28Y	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
QEQ92K	Neg AP, ALS	Pos AP, ALS, PSA, Micro
QFBEPY	Neg AP	Pos AP, Micro, PSA
QFNLK8	Neg AP	Pos AP, PSA
QGGJTEK	Neg ALS, AP, PSA	Pos ALS, AP, Micro
QJNPPEE	Neg AP	Pos AP
QLHAQE	Neg AP	Pos AP, RSID, Micro
QLHJ3M	Neg ALS, AP, Micro	Pos ALS, AP, Micro, p30
QM7M9W	Neg AP	Pos AP, PSA, Micro
QMFVKA	Neg AP	Pos AP, Micro, PSA
QMNZAE	Neg AP	Pos AP
QN38VW	Neg AP, ALS, Micro for Sperm	Pos AP, ALS, Micro for Sperm
QPAHRY	Neg AP, Micro, RSID	Pos AP, Micro
QQCK2G	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
QQVJYE	Neg ALS, AP	Pos ALS, AP, Micro
QUCH4F	Neg AP	Pos AP, Micro
QURA6Q	Neg AP	Pos AP, Micro
QVEJNM	Neg AP	Pos AP
QY2279	Neg ALS, AP	Pos ALS, AP, PSA, Micro
QY6TM8	Neg AP	Pos AP, PSA, Micro
QZB7KW	Neg AP, p30	Pos AP, p30, Micro
QZHKEN	Neg ALS, AP, PSA	Pos ALS, AP, Micro
R27FE3	Neg AP, PSA, Micro	Pos AP, PSA, Micro
R4TH6J	Neg AP, ALS	Pos AP, Micro, ALS
R4WA6Y	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
R63JWK	Neg AP	Pos AP
R9H4PR	Neg AP, Micro	Pos AP, Micro
RBDM4X	Neg AP TEST	Pos AP TEST
RET9N7	Neg ALS, AP	Pos ALS, AP, PSA, Micro
RGKGDE	Neg AP, ALS	Pos AP, ALS, Micro
RHNYZJ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
RHTGRG	Neg AP	Pos AP
RLFBBF	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
RTB2CD	Neg AP, PSA	Pos AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RTZBQR	Neg AP, Micro	Pos AP, Micro
RUKTH9	Neg ALS, AP	Pos ALS, AP, PSA, Micro
RVDYM7	Neg BCIP	Pos BCIP, p30, Micro
RWH24W	Neg AP	Pos AP, Micro
RZBWBFB	Neg AP, Micro	Pos AP, Micro
T2ZYRK	Neg ALS, AP	Pos ALS, AP, PSA, Micro
T3K3QP	Neg AP	Pos AP, Micro
T7GQ6B	Neg ALS	Pos ALS, AP, Micro
T7X3MG	Neg ALS, AP	Pos ALS, AP, Micro
T8DTPT	Neg AP, Micro	Pos AP, Micro
T9LQE4	Neg ALS, AP	Pos ALS, AP
TAZDQQ	Neg PSA	Pos PSA
TBBMU3	Neg AP, Micro, PSA	Pos AP, Micro, PSA
TBNZW2	Neg AP	Pos AP, PSA, Micro
TDFYBY	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
TEV8NR	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
TK379B	Neg ALS, AP	Pos ALS, AP, Micro
TLQAQ4	Neg AP, Micro, PSA	Pos AP, Micro, PSA
TPNQUY	Neg AP	Pos AP, Micro
TQ7GE3	Neg ALS, AP	Pos ALS, AP
TQGGZD	Neg AP	Pos AP
TTTELU	Neg AP, Micro	Pos AP, Micro
TUL3XC	Neg AP	Pos AP, PSA, Microscopy-Sperm
TW9DQT	Neg AP	Pos AP, Micro
TY834Q	Neg AP, Micro	Pos AP, Micro
TY9ZEL	Neg ALS, Micro, PSA	Pos ALS, Micro
TYF7R2	Neg AP, Micro, PSA	Pos AP, Micro, PSA
U42JVB	Neg AP, Micro	Pos AP, Micro
U6AQZP	Neg AP	Pos AP, Micro
U6CCW6	Neg AP	Pos AP, Micro
U6V6N2	Neg AP	Pos AP, Micro, p30
U8MZDV	Neg AP	Pos AP, Micro
UA6KXQ	Neg AP	Pos AP, PSA
UB4JGY	Neg ALS, AP	Pos ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
UCGRKV	Neg AP	Pos AP, Micro, PSA
UCKN32	Neg ALS, AP	Pos ALS, AP
UE9NAP	Neg AP	Pos AP, Micro
UK6TYG	Neg AP	Pos AP, Micro
UKDMKF	Neg ALS, AP	Pos ALS, AP, Micro
UKX2BD	Neg ALS, AP	Pos ALS, AP, Micro, RSID
UMZBEM	Neg ALS, AP	Pos ALS, AP, Micro, PSA
UNC7XU	Neg AP	Pos AP, Micro
UP9QKT	Neg ALS, AP, RSID-Semen, Micro	Pos ALS, AP, RSID-Semen, Micro
UR3UTF	Neg ALS, PSA	Pos ALS, PSA, Micro
URVXUA	Neg ALS, AP	Pos ALS, AP, Micro
UTMC63	Neg AP	Pos AP, PSA, Micro
UVGFCU	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
UWJ4BE	Neg AP, ALS	Pos AP, Micro, ALS, RSID-Semen
UWNXBQ	Neg AP	Pos AP, Micro
UXC7R2	Neg ALS, PSA	Pos ALS, PSA, Micro
V2BGM2	Neg ALS, PSA	Pos ALS, PSA, Micro
V3AAMX	Neg ALS	Neg ALS
V427BR	Neg AP	Pos AP, PSA, Micro
V73TGD	Neg AP, PSA, ALS, Micro	Pos AP, PSA, ALS, Micro
V7KXWQ	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
V847DA	Neg Brentamine, ALS	Pos Brentamine, ALS, RSID
V8JZYY	Neg AP, Micro, PSA	Pos AP, Micro, PSA
VDVDWH	Neg AP	Pos AP, PSA, Micro
VEFZY2	Neg AP, Micro	Pos AP, Micro
VF24CT	Neg AP	Pos AP, Micro
VFWJA4	Neg AP	Pos AP, Micro
VFXNZT	Neg AP	Pos AP, Micro
VHV8M2	Neg ALS, PSA	Pos ALS, PSA, Micro
VHZMY2	Neg AP	Pos AP, Micro
VJCAJ2	Neg p30, Micro	Pos p30, Micro
VKH6UR	Neg PSA	Pos PSA, Micro
VN27PD	Neg ALS	Pos ALS, PSA, Micro
VN84G3	Neg ALS, AP	Pos AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
VNPRR9	Neg ALS, AP, Micro	Pos ALS, AP, Micro
VQ8L7H	Neg AP	Pos AP
VQJFEB	Neg ALS, AP	Pos ALS, AP, Micro
VQVCJF	Neg AP	Pos AP, Micro
VTYKKF	Neg ALS, AP	Pos ALS, AP, PSA, Micro
VUPJYE	Neg AP	Pos AP
VUXMMP	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
WQ7GG	Neg AP	Pos AP, PSA, Micro
VWV9Y3	Neg AP	Pos AP, PSA
VWXWGF	Neg ALS, AP	Pos ALS, AP, Micro, PSA
W26P9Q	Neg AP, Micro	Pos AP, Micro
W2EH4J	Neg PSA	Pos PSA
W2WAC4	Neg AP, ALS	Pos AP, ALS
W3JBKD	Neg AP	Pos AP
W4VY6D	Neg AP	Pos AP, Micro
W6CVWD	Neg AP	Pos AP
W9PVT4	Neg BCIP	Pos BCIP, p30, Microscopic
WBFBL4	Neg AP	Pos AP, Micro, PSA
WCUZLV	Neg AP, Micro, PSA	Pos AP, Micro, PSA
WEYX7J	Neg AP	Pos AP, PSA
WGGE8D	Neg ALS, AP	Pos ALS, AP, Micro
WHVMC8	Neg AP, Micro, PSA	Pos AP, Micro, PSA
WKFP4C	Neg ALS, AP	Pos ALS, AP, PSA, Micro
WUXBTM	Neg AP	Pos AP, Micro
WV4ZTB	Neg ALS, AP	Pos ALS, AP, Micro
WYNMUB	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
X4UDGV	Neg AP, Micro, PSA	Pos AP, Micro, PSA
X6RBHW	Neg AP	Pos AP, PSA, Micro
X7ZQ6P	Neg AP, Micro	Pos AP, Micro
X8GFFA	Neg PSA	Pos PSA
XA2VQY	Neg ALS, AP, Micro	Pos ALS, AP, Micro
XAZ22P	Neg AP	Pos AP, Micro
XDJ2EJ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
XGHC9X	Neg ALS, AP	Pos ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
XGZGFD	Neg AP	Pos AP, Micro
XJB9WR	Neg AP TEST	Pos AP TEST
XJMZPA	Neg RSID Semen	Pos RSID Semen
XMPUG2	Neg BCIP	Pos BCIP, p30, Micro
XTFB2P	Neg AP	Pos AP, Micro
XTNPRK	Neg AP, Micro	Pos AP, Micro
XVY9DB	Neg AP	Pos AP
XYFQGD	Neg ALS, AP	Pos ALS, AP
XZT8MZ	Neg AP, Micro	Pos AP, Micro
Y2EBVX	Neg ALS	Pos ALS, PSA, Micro
Y4BEQW	Neg AP	Pos AP, PSA, Micro
Y4WREA	Neg AP and Micro	Pos AP and Micro
Y8R6ZV	Neg AP	Pos AP, Micro
YAB7X3	Neg AP	Pos AP, Micro
YCE2EJ	Neg AP, Micro	Pos AP, Micro, PSA
YDTQHW	Neg AP	Pos AP, Micro
YEKL7Q	Neg AP, PSA	Pos AP, PSA, Micro
YEUHQN	Neg AP, Micro, PSA	Pos AP, Micro, PSA
YFKG6M	Neg AP and Micro	Pos AP and Micro
YGG2RL	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
YH878N	Neg AP, Micro	Pos AP, Micro
YHLHX7	Neg AP, PSA	Pos AP, PSA, Micro
YKVMCU	Neg BCIP	Pos BCIP, Micro
YLQMQX	Neg AP	Pos AP, Micro, PSA
YRAH74	Neg AP	Pos AP
YTL8K9	Neg AP, PSA, Micro	Pos AP, PSA, Micro
YVJBV	Neg AP, Micro, PSA	Pos AP, Micro, PSA
YWQQU3	Neg AP	Pos AP, Micro
YZ4QQU	Neg AP	Pos AP, Micro
YZD6TW	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
Z39GRH	Neg PSA, Micro	Pos PSA, Micro
Z6AT4A	Neg ALS	Pos ALS, PSA, Micro
ZB3NC9	Neg AP	Pos AP
ZCDQX8	Neg AP	Pos AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZFY9FR	Neg AP	Pos AP
ZGTYL8	Neg AP	Pos AP
ZHBF3X	Neg AP, PSA, Micro	Pos AP, PSA, Micro
ZJHUA4	Neg ALS, AP	Pos ALS, AP, Micro
ZJVWWY	Neg ALS, AP	Pos ALS, AP, Micro, PSA
ZKDDDQ	Neg AP	Pos AP, Micro, PSA
ZM6A3K	Neg AP	Pos AP, Micro
ZMKVCL	Neg AP	Pos AP, Micro
ZN9WUQ	Neg AP, PSA	Pos AP, PSA, Micro
ZNN2NH	Neg p30, Micro	Pos p30, Micro
ZNP36A	Neg ALS, PSA	Pos ALS, PSA, Micro
ZQ2RRJ	Neg AP	Pos AP, PSA
ZRTP6T	Neg AP	Pos AP, Micro
ZRZ4ZL	Neg AP	Pos AP, PSA, Micro
ZWJ4PU	Neg AP, Micro	Pos AP, Micro

Table 1b: Serology Screening Response Summary - Semen		Participants: 591	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	0	589	
Negative	587	2	
Inconclusive	0	0	
Not Tested (NT)	3	0	
Not Reported	1	0	

Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
284PMM	Neg Phadebas	Neg Phadebas
2CF676	Neg RSID	Neg RSID
2DQF2K	Neg RSID	Neg RSID
2L32CC	Neg SALIgAE	NT
2NE9QL	Neg Amylase	Neg Amylase
2Q9H6U	Neg ALS, Phadebas	Neg ALS, Phadebas
343BV9	Neg ALS, RSID	Neg ALS, RSID
3DQ8R4	Neg RSID	Neg RSID
3H2C8A	Neg Amylase	Neg Amylase
3QAKLL	Neg RSID	Neg RSID
3QBG6F	Neg Seratec Amylase	Neg Seratec Amylase
3UP3PN	Neg Radial Diffusion	Neg Radial Diffusion
3XUKCH	Neg RSID-Saliva	Neg RSID-Saliva
478N4G	Neg Amylase	Inc Amylase
4LU9GF	Neg RSID Saliva test	Neg RSID Saliva test
4M4JW9	Neg RSID	Neg RSID
4THWCL	Neg Phadebas	Neg Phadebas
4WE8YQ	Neg Amylase Diffusion	Neg Amylase Diffusion
66EV24	Neg Phadebas screen	Neg Phadebas screen
6WRKZP	Neg ALS, Phadebas	Neg ALS, Phadebas
76DCGE	NT	Neg RSID
7D7EX4	Neg ALS, Amylase Test	Neg ALS, Amylase Test
7V28H3	Neg Amylase Radial Diffusion, Micro	Neg Amylase Radial Diffusion, Micro
7VK28H	Neg RSID	Neg RSID
7XYYZ7	Neg SALIgAE	NT
8AMX26	Neg RSID	Neg RSID
8CGH6F	Neg Phadebas	Neg Phadebas
8CYWN4	Neg RSID	Neg RSID
8DHNA2	Neg RSID	Neg RSID
8KRKQF	Neg Phadebas	Neg Phadebas
8UT7HP	Neg Phadebas	Neg Phadebas
9CDJX6	NT	Neg SALIgAE

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
9G2XZE	Neg RSID	Neg RSID
9K9LZG	Neg RSID Saliva card	Neg RSID Saliva card
9LTATP	Neg RSID-Saliva	Inc RSID-Saliva
9WUQKF	Neg RSID	Neg RSID
A72HWV	Neg Phadebas	Neg Phadebas
A7CU4Y	Neg Phadebas	Inc Phadebas
A8QWED	Neg RSID	Neg RSID
AHTDYE	Neg Phadebas	Neg Phadebas
AQAR8C	Neg Amylase	Neg Amylase
ARJUUA	Neg Amylase	Neg Amylase
AUXJR2	Neg ALS, Amylase test	Neg ALS, Amylase test
BRETCJ	Neg Phadebas	Neg Phadebas
BYHBTZ	Neg Phadebas	Neg Phadebas
CKAK39	Neg RSID	Neg RSID
CYPH8A	Neg RSID	Neg RSID
DU8UXW	Neg ALS, Amylase test	Neg ALS, Amylase test
E28J38	NT	Neg RSID
E9RBFX	Neg RADIAL Diffusion	Neg RADIAL Diffusion
EAX67K	Neg Phadebas	Neg Phadebas
EF7JYG	Neg ALS, Phadebas	Neg ALS, Phadebas
EJ98RK	Neg Phadebas	Neg Phadebas
ELJ9P4	Neg Seratec Amylase	Neg Seratec Amylase
ENYU9C	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
EYXEMX	Neg RSID	Neg RSID
FGKAU6	Neg Amylase	Neg Amylase
FHWPN7	Neg Amylase	Inc Amylase
FKXVP7	Neg RSID	Pos RSID
GHCXYX	Neg Phadebas	Neg Phadebas
HPTTET	Neg ALS, RSID	Neg ALS, RSID
J8MVRM	Neg RSID-Saliva	Neg RSID-Saliva
JBL8MM	Neg RSID	Neg RSID
JCRGV8	Neg RSID	Neg RSID
JUHR7T	Neg Amylase test	Neg Amylase test
KJBZY8	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
KMACU8	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
KTUGJ2	Neg RSID	Neg RSID
L8AW8H	Neg Phadebas	Neg Phadebas
LEPUJJ	Neg Amylase Radial Diffusion, Micro	Neg Amylase Radial Diffusion, Micro
LHN6EJ	Neg Amylase Radial Diffusion, Micro	Neg Amylase Radial Diffusion, Micro
LQH2PZ	NT	Neg RSID
M2Z68J	NT	Neg Micro
M7JYLV	NT	Neg Seratec Amylase
MGBQQA	NT not relevant to scenario	NT not relevant to scenario
MJZXW	Neg RSID-Saliva	Neg RSID-Saliva
NPX48K	Neg RSID	Neg RSID
PWP2XZ	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
Q4ZART	Neg Amylase	Inc Amylase
QFNLK8	Neg RSID	Neg RSID
QLHJ3M	Neg SALIgAE	NT
QPAHRY	Neg Phadebas, RSID	Neg Phadebas, RSID
QQCK2G	Neg ALS, Seratec Amylase	Neg ALS, Seratec Amylase
QZHKEN	Neg Phadebas	Neg Phadebas
R27FE3	Neg Amylase Diffusion	Neg Amylase Diffusion
R4TH6J		Neg RSID-Saliva
R63JWK	Neg Phadebas	Neg Phadebas
RTB2CD	Neg Phadebas	Neg Phadebas
RZBWBFB	Neg RSID Saliva	Neg RSID Saliva
TUL3XC	Neg Phadebas	Neg Phadebas
U6V6N2	Neg Phadebas	Neg Phadebas
UA6KXQ	NT	Neg RSID
UK6TYG	Neg Phadebas	Neg Phadebas
UKX2BD	Neg ALS, Phadebas	Neg ALS, Phadebas
UP9QKT	Neg ALS, RSID-Saliva	Neg ALS, RSID-Saliva
UR3UTF	Neg ALS, Amylase Test	Neg ALS, Amylase Test
UXC7R2	NT not relevant to scenario	NT not relevant to scenario
V2BGM2	Neg ALS, RSID	Neg ALS, RSID
V847DA	Neg Phadebas	Neg Phadebas
VN27PD	Neg ALS, Amylase test	Neg ALS, Amylase test

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
VNPRR9	Neg RSID	Neg RSID
VWQ7GG	Neg Amylase test	Neg Amylase test
VWV9Y3	Neg RSID	Neg RSID
X6RBHW	NT	Neg Amylase Diffusion
XA2VQY	Neg Phadebas	Neg Phadebas
XJMZPA	Neg RSID Saliva	Neg RSID Saliva
Y4WREA	Neg RSID	Neg RSID
YDTQHW	Neg Phadebas	Neg Phadebas
YHLHX7	Neg Phadebas	Neg Phadebas
Z6AT4A	Neg ALS, Amylase Test	Neg ALS, Amylase Test
ZFY9FR	NT	Pos RSID
ZNP36A	Neg ALS, Amylase Test	Neg ALS, Amylase Test

Table 1c: Serology Screening Response Summary - Saliva			Participants: 112
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	0	2	
Negative	100	100	
Inconclusive	0	5	
Not Tested (NT)	11	5	
Not Reported	1	0	

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
2DQF2K	Pos PowerQuant	Pos PowerQuant
2Q9H6U	Pos Quantifiler Trio	Pos Quantifiler Trio
3CMCKE	Pos HemDirect	Pos HemDirect
3QBG6F	Pos Seratec Hemdirect	Pos Seratec Hemdirect
3UVTWB	Pos HemaTrace	Pos HemaTrace
3XU8HF	Pos HemaTrace	Pos HemaTrace
48MMGC	Pos HemDirect	Pos HemDirect
4A48RD	Pos HemaTrace	Pos HemaTrace
4LU9GF	Pos	Pos
4WE8YQ	Pos HemaTrace	Pos HemaTrace
662LF2	Pos RSID	Pos RSID
6PAQ3B	Pos HemaTrace	Pos HemaTrace
6WRKZP	Pos Quantifiler Trio	Pos Quantifiler Trio
73CJ8R	Pos HemaTrace	Pos HemaTrace
76DCGE	Pos PowerQuant	Pos PowerQuant
77DKAB	Pos HemaTrace	Pos HemaTrace
7V28H3	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
847P4C	Pos HemaTrace	Pos HemaTrace
8863NG	Pos RSID	Pos RSID
8CGH6F	Pos HemaTrace	Pos HemaTrace
8KRKQF	Pos BLUESTAR OBTI TEST	Pos BLUESTAR OBTI TEST, kit SERATEC® PSA Semiquant et RSID Semen
8NPTNF	Pos RSID	Pos RSID
8TMAZA	Pos HemaTrace	Pos HemaTrace
93NUZG	Pos RSID	Pos RSID
9G2XZE	Pos PowerQuant	Pos PowerQuant
9NMLW9	Pos HemaTrace	Pos HemaTrace
9PUBV8	Pos HemDirect	Pos HemDirect
A4FDG9	Pos HemaTrace	Pos HemaTrace
A6MTNE	Pos RSID	Pos RSID
A72HWV	Pos Quant Trio	Pos Quant Trio
A8QWED	Pos PowerQuant	Pos PowerQuant
ADKKW9	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
AUQPKL	Pos Quant	Pos Quant
AYY6TA	Pos HemaTrace	Pos HemaTrace
B4VWYL	Pos HemaTrace	Pos HemaTrace
B89WWC	Pos RSID	Pos RSID
BGJYHD	Pos RSID	Pos RSID
BYHBTZ	Pos Quantifiler Trio	Pos Quantifiler Trio
C3PU39	Pos PowerQuant	Pos PowerQuant
CKAK39	Pos PowerQuant	Pos PowerQuant
CYPH8A	Pos PowerQuant	Pos PowerQuant
D7B743	Pos HemaTrace	Pos HemaTrace
D7U9B4	Pos HemaTrace	Pos HemaTrace
DAAGY3	Pos HemaTrace	Pos HemaTrace
DCVX23	Pos RT-PCR	Pos RT-PCR
DTPQZ4	Pos HemaTrace	Pos HemaTrace
E28J38	Pos PowerQuant	Pos PowerQuant
E9A2ZB	Pos RSID	Pos RSID
ED4XP3	Pos HemaTrace	Pos HemaTrace
EF7JYG	Pos Quantifiler Trio	Pos Quantifiler Trio
ELJ9P4	Pos Seratec PMB	Pos Seratec PMB
F2M3V3	Pos ABA HemaTrace	Pos ABA HemaTrace
FKXVP7	Pos PowerQuant	Pos PowerQuant
H6JXHF	Pos HemaTrace	Pos HemaTrace
HWNVG4	Pos HemaTrace	Pos HemaTrace
JDQU6X	Pos HemaTrace	Pos HemaTrace
JUHR7T	Pos HemaTrace	Pos HemaTrace
KPZUDW	Pos HemaTrace	Pos HemaTrace
KTUGJ2	Pos PowerQuant	Pos PowerQuant
L8AW8H	Pos Quantifiler Trio	Pos Quantifiler Trio
LEPUJJ	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
LERCPU	Pos HemDirect	Pos HemDirect
LHN6EJ	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
LQH2PZ	Pos PowerQuant	Pos PowerQuant
LRLVU6	Pos RSID	Pos RSID
LXN62W	Pos HemaTrace	Pos HemaTrace
LYY8MV	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
M68VXC	Pos HemaTrace	Pos HemaTrace
M7JYLV	Pos HemDirect	Pos HemDirect
MBCQKW	Pos HemaTrace	Pos HemaTrace
MGBQQA	NT not relevant to scenario	NT not relevant to scenario
MHRA2B	Pos HemaTrace	Pos HemaTrace
MRVK92	Pos RSID	Pos RSID
N22PYW	Pos HemaTrace	Pos HemaTrace
NPK3MA	Pos HemaTrace	Pos HemaTrace
P6XR3N	Pos	Pos
PK8J7T	Pos HemaTrace	Pos HemaTrace
PT4JFE	Pos PowerQuant	Pos PowerQuant
Q9Y28Y	Pos RSID	Pos RSID
QGJTEK	NT	Pos HemaTrace
QM7M9W	Pos quant	Pos quant
QPAHRY	Pos HemaTrace	Pos HemaTrace
QURA6Q	Pos HemaTrace	Pos HemaTrace
QY2279	Pos HemaTrace	Pos HemaTrace
R27FE3	Pos HemaTrace	Pos HemaTrace
R63JWK	Pos PowerQuant	Pos PowerQuant
RBDM4X	Pos	Pos
RHTGRG	Pos Quantifiler Trio	Pos Quantifiler Trio
RLFBBF	Pos RSID	Pos RSID
RTB2CD	Pos Quant Trio	Pos Quant Trio
RTZBQR	Pos HemaTrace	Pos HemaTrace
T3K3QP	Pos HemaTrace	Pos HemaTrace
TUL3XC	Pos Quant Trio	Pos Quant Trio
TW9DQT	Pos HemaTrace	Pos HemaTrace
TY834Q	Pos HemaTrace	Pos HemaTrace
UA6KXQ	Pos PowerQuant	Pos PowerQuant
UB4JGY	NT	Pos HemaTrace
UE9NAP	Pos HemaTrace	Pos HemaTrace
UK6TYG	Pos Quantiplex Pro	Pos Quantiplex Pro
UVGFCU	Pos RSID	Pos RSID
UWNXBQ	Pos HemaTrace	Pos HemaTrace
UXC7R2	NT not relevant to scenario	NT not relevant to scenario

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
VDVDWH	Pos HemaTrace	Pos HemaTrace
VFWJA4	Pos HemaTrace	Pos HemaTrace
WKFP4C	NT	Pos HemaTrace
WUXBTM	Pos HemaTrace	Pos HemaTrace
WYNMUB	Pos RSID	Pos RSID
X6RBHW	Pos HemaTrace	Pos HemaTrace
XA2VQY	Pos Quant Trio	Pos Quant Trio
XJB9WR	Pos HEMDIRECT TEST	Pos HEMDIRECT TEST
YHLHX7	Pos Quant Trio	Pos Quant Trio
ZM6A3K	Pos HemaTrace	Pos HemaTrace
ZMKVCL	Pos HemaTrace	Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 113
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	108	111	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	5	2	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
2LGZ6W	Pos Quant Trio	Pos Quant Trio
2V6JKU	Pos TRIO	Pos TRIO
3C84H6	Pos YSTR	Pos YSTR
3QBG6F	Pos Quant Trio	Pos Quant Trio
3XU8HF	Pos PowerQuant	Pos PowerQuant
4A48RD	NT	Pos PowerQuant
4M4JW9	Pos Y-screening	Pos Y-screening
6DH26P	NT	Pos Quant Trio
6PAQ3B	Pos Power Quant	Pos Power Quant
73CJ8R	NT	Pos Casework Direct, Powerquant
77DKAB	Pos PowerQuant	Pos PowerQuant
7EJYPE	Pos Plexor HY System	Pos Plexor HY System
7NP76E	Pos Plexor HY System	Pos Plexor HY System
7UWNPZ	Pos Quant Trio	Pos Quant Trio
7V28H3	Pos Quant Trio	Pos Quant Trio
847P4C	Pos PowerQuant	Pos PowerQuant
8863NG	Pos QF Trio	Pos QF Trio
8AMX26	Pos Y-Screening	Pos Y-Screening
8CVZX2	Pos Quantifiler Trio	Pos Quantifiler Trio
8DHNA2	Pos	Pos
8NPTNF	Pos QF Trio	Pos QF Trio
8TMAZA	Pos Powerquant	Pos Powerquant
93NUZG	Pos QF Trio	Pos QF Trio
98AKW9	Pos Plexor HY System	Pos Plexor HY System
9NMLW9	NT	Pos PowerQuant
A4FDG9	Pos PowerQuant	Pos PowerQuant
A6MTNE	Pos QF Trio	Pos QF Trio
A72HWV	Pos Quant Trio	Pos Quant Trio
ADKKW9	Pos PowerQuant	Pos PowerQuant
AQQDNL	Pos Quant Trio	Pos Quant Trio
AYY6TA	Pos Powerquant	Pos Powerquant
B4VWYL	Pos Trio	Pos Trio
B89WWC	Pos QF Trio	Pos QF Trio
BDAJMN		Pos Quantifiler Trio
BGJYHD	Pos QF Trio	Pos QF Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
BYHBTZ	Pos Quantifiler Trio	Pos Quantifiler Trio
CVUMQV	Pos Quantifiler Trio	Pos Quantifiler Trio
D7B743	Pos PowerQuant	Pos PowerQuant
D7U9B4	Pos Powerquant	Pos Powerquant
DAAGY3	Pos Power Quant	Pos Power Quant
DTPQZ4	Pos PowerQuant	Pos PowerQuant
E8H6BG	Pos TRIO	Pos TRIO
E9A2ZB	Pos QF Trio	Pos QF Trio
ED4XP3	Pos Power Quant	Pos Power Quant
EYXEMX	Pos Y-Screening	Pos Y-Screening
F63NFC	Pos Plexor HY	Pos Plexor HY
FFRTNF	Pos TRIO	Pos TRIO
FL86FH		Pos Quant trio
GC2B6Q	Pos Quantifiler Trio	Pos Quantifiler Trio
GHCXYX	Pos NaOH Lysis	Pos NaOH Lysis
H6JXHF	Pos PowerQuant	Pos PowerQuant
H9TQA2	Pos Plexor HY System	Pos Plexor HY System
HA8ZEW	Pos YFILER Plus	Pos YFILER Plus
HVWYRB		Pos Quant Trio
HWNVG4	Pos Casework Direct, Powerquant	Pos Casework Direct, Powerquant
JDQU6X	Pos Casework Direct and Powerquant	Pos Casework Direct and Powerquant
JPWKG2	Pos Plexor HY Kit System	Pos Plexor HY Kit System
JTETQM	Pos Y FILER PLUS	Pos Y FILER PLUS
KPZUDW	Pos Casework Direct, Power Quant	Pos Casework Direct, Power Quant
L8AW8H	Pos Quantifiler Trio	Pos Quantifiler Trio
LEPUJJ	Pos Quant Trio	Pos Quant Trio
LHN6EJ	Pos Quant Trio	Pos Quant Trio
LRLVU6	Pos QF Trio	Pos QF Trio
LXN62W	NT	Pos Casework Direct, PowerQuant
LYY8MV	Pos Casework Direct, Powerquant	Pos Casework Direct, Powerquant
M68VXC	NT	Pos PowerQuant
M7JYLV	Pos Quant Trio	Pos Quant Trio
MBCQKW	Pos Powerquant	Pos Powerquant
MGBQQA	NT male victim	NT male victim
MHRA2B	Pos Powerquant	Pos Powerquant
MLK4BT	Pos Plexor HY Kit System	Pos Plexor HY Kit System
MRVK92	Pos QF Trio	Pos QF Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
N22PYW	Pos PowerQuant	Pos PowerQuant
NPK3MA	Pos Powerquant	Pos Powerquant
NPX48K	Pos Y-screening	Pos Y-screening
NYATA3	Pos Promega Casework Direct Kit	Pos Promega Casework Direct Kit
P2QZTJ	Pos Quantifiler Trio	Pos Quantifiler Trio
PK8J7T	NT	Pos PowerQuant
PPT7AU	Pos Plexor HY Kit System	Pos Plexor HY Kit System
PT4JFE	Pos PowerQuant	Pos PowerQuant
Q9Y28Y	Pos QF Trio	Pos QF Trio
QPAHRY	NT	Pos DNA quantification
QTTH7U	Pos Plexor HY Kit	Pos Plexor HY Kit
QURA6Q	Pos PowerQuant	Pos PowerQuant
QY2279	NT	Pos quant trio
QY6TM8	Pos Quant Trio	Pos Quant Trio
QZHKEN	Pos NaOH lysis	NT
R63JWK	Pos PowerQuant	Pos PowerQuant
RBDM4X	HEMDIREDT TEST	
RHTGRG	Pos Quantifiler Trio	Pos Quantifiler Trio
RTB2CD	Pos Quant Trio	Pos Quant Trio
RTZBQR	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
T3K3QP	NT	Pos PowerQuant
TBBMU3	Pos Quant Trio	Pos Quant Trio
TUL3XC	Pos Quant Trio	Pos Quant Trio
TW9DQT	NT	Pos Casework Direct, PowerQuant
UE9NAP	Pos Powerquant	Pos Powerquant
UK6TYG	Pos Quantiplex Pro	Pos Quantiplex Pro
UVGFCU	Pos QF Trio	Pos QF Trio
UWNXBQ	Pos PowerQuant	Pos PowerQuant
UXC7R2	NT male victim	NT male victim
VFWJA4	NT	Pos PowerQuant
VJCJ67	Pos Trio	Pos Trio
W6CVWD	Pos Quantifiler Trio	Pos Quantifiler Trio
WUXBTM	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
WYNMUB	Pos QF Trio	Pos QF Trio
Y4BEQW	Pos TRIO	Pos TRIO
YHLHX7	Pos Quant Trio	Pos Quant Trio
ZHBF3X	Pos Trio	Pos Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
ZM6A3K	Pos Casework Direct, Powerquant	Pos Casework Direct, Powerquant
ZMKVCL	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant

Table 1e: Serology Screening Response Summary - Y Screening			Participants: 111
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	93	107	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	14	3	
Not Reported	1	1	

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results			
	Item 3		Item 4	
7EXL22	Alternative Light Source	Inc ALS	Alternative Light Source	Neg ALS
7P8TEF			Seminal fluid	Neg AP
8KRKQF	Semen	Neg ALS	Semen	Pos ALS
94ET2F	seminal fluid	Neg AP	seminal fluid	Inc AP
ELJ9P4	Menstrual Blood, Urine, Feces	Neg Seratec PMB, DMAC, Creatinine, Urobilinogen, and Micro	Menstrual Blood, Urine, Feces	Neg Seratec PMB, DMAC, Creatinine, Urobilinogen, and Micro
HXWG62			Semen	Neg ALS
RBDM4X			Micro	
W6CVWD	ALS	Neg	ALS	Neg
XJB9WR			H&E SLIDE	Pos +2H

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

22V7PU	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
279E4Y	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
284PMM	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
2A99LX	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2BKWBM	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
2CF676	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

2DQF2K	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
2FXW9E	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2G7EF3	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
2L32CC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
2LGZ6W	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2MPBV9	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
2NE9QL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

2RDKLL	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
2RPFWU	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2TK7TX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2V4YV3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
2V6JKU	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
2ZTLFA	GlobalFiler™ (STRmix 2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	-
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
33FMY3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

343BV9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
36M279	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
36QKCK	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
38UBKK	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3C84H6	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
1	8,11	12,12		NR	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
3CMCKE	Investigator® 24plex GO					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
3DQ8R4	Investigator® 24plex GO!					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

3EF9A9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3H2C8A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3L2ZWR	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3LB7ZG	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
3LDQWW	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3NQWBP	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3PW398	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

3QAKLL	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3QBG6F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3UP3PN	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3UVTWB	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3XU8HF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3XUKCH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4296P3	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

43D3WL	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
43X2W6	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
478N4G	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4793N2	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
48MMGC	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
4A48RD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4B96YW	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 1 - STR Results

4E8JLM	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4GYATP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4KCM8E	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	NSD
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	NSD	NSD	21,29.2	7,8	8,11
	17,17	11	NSD	NSD	2	
4LMCP6	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4LU9GF	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4M4JW9	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4PUK3W	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

4QNB9B	Identifiler®					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
4THWCL	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
4TPCBT	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4U7JHW	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4WE8YQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4ZFNKF	Investigator® 24plex GO! & QS					
	15,18.3	23,23	14,14	15,16	11,11	N/A
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
4ZRKEZ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

648FTC	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
64A2JP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
66EV24	NGM SElect					
	15,18.3	23,23	14,14	15,16		
1		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					
6DH26P	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
6EPJ4L	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
6JZ8DD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
6MKUED	PowerPlex® Fusion (STRmix™)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 1 - STR Results

6NRALJ	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
6PAQ3B	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
6R2MR6	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
6RGDUG	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
6TNXZ7	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
6WP2UD	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
6WRW23	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

6XJR9Q	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
73CJ8R	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
746ZCG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
74ZNFM	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
76DCGE	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
77DKAB	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
78NYQC	PowerPlex® Fusion, 21, VERIFILER Express, VERIFILER Plus					
	15,18.3	23,23	14,14	15,16	11,11	13,14
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 1 - STR Results

7D7EX4	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7EJYPE	Investigator® 24plex IQS GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
7EXL22	VeriFiler Plus					
	15,18.3	23	14	15,16	11	13,14
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17				2	
7HYPTN	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
7P8TEF	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
7R7DKZ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7ULX4F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

7UWNPZ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
7V28H3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7VK28H	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
7W6KMA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
7WK4WM	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
7XYYZ7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7ZGF72	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

847P4C	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
84ZXVP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8863NG	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8AMX26	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8CENQF	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
8CGH6F	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8CVZX2	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

8CYWN4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8D7PC8	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
8DHNA2	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8GJPAY	ID+					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
8KRKQF	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8LG7ND	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
8NB6K4	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 1 - STR Results

8NPTNF	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8PL773	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
8TMAZA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8UT7HP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8Y64XN	Investigator® 24plex GO!					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
8ZJFRM	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8ZKCCG	PowerPlex® Fusion					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 1 - STR Results

8ZPRNH	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
93NUZG	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
94ET2F	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
97P46R	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
98AKW9	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
98UERP	GlobalFiler™, ArgusX-12					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
98XBA7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

9A2GL3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9CDJX6	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
9FC2VW	Investigator® 24plex GO!					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
9G2XZE	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
9K9LZG	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	--	--	21,29.2	7,8	8,11
	17,17	11	--	--	2	
9LTATP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9NMLW9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

9PUBV8	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
9QL8K2	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9RGTDR	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
9UUPA2	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9WUQKF	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9Y7X9K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9YERF2	Identifiler® + (Plus)					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					

TABLE 2

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

Item 1 - STR Results

A3MWCL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
A4FDG9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
A6MTNE	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
A72HWV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
A7CU4Y	ESI17					
	15,18.3	23,23	14,14	15,16		
1		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					
A8QWED	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
ABZ4UB	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 1 - STR Results

ADKKW9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ADKXPQ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AENTXA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AFMVZJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AHTDYE	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
AKE389	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ANRZEV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

AP8AH4	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
AQAR8C	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AQQDNL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ARJUUA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AUQPKL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AUXJR2	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AV6NNP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

AWAA4R	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
AWBXTH	GlobalFiler™ (STRMIX)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AYKLAC	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AYY6TA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AZ6CLX	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
B3F6XB	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
B3G397	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

B3Y96B	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	N/A
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
B4VWYL	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
B7FFTb	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
B7UZ3N	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
B7XHAZ	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
B89WWC	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BAU2DJ	GlobalFiler™ Direct (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

BAUBYN	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BCWAAG	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
BDAJMN	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BGJYHD	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BL3Y8L	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
BM4L7B	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BN9JX8	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

BNZ8TA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BNZR94	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BRETCJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BX8A6F	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BYHBTZ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BZN8BE	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
C3PU39	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 1 - STR Results

C6LEER	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
C78UG4	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
C7LHHV	ID+					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
C933RW	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
CC2DNW	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
CE4R8D	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
CG3CMW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

CJZFXH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CKAK39	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
CMYKNJ	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18	2	
CMYTHM	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	
CRE27L	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CT9HAN	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CUGMPX	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

CVHU8C	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
CVUMQV	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CYPH8A	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
D37A6F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D3BMRB	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
D4DMBX	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
D6X7T9	Investigator® 24plex QS, GO!					
	15,18.3	23,23	14,14	15,16	11,11	n/a
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	n/a	n/a	21,29.2	7,8	8,11
	17,17	11	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

D788MW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D7B743	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
D7LTYJ	GlobalFiler™ Direct (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D7U9B4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
D9AA87	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
D9DRDH	Investigator® 24plex GO! (TRUEALLELE® CASEWORK SYSTEM)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
DAAGY3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

DCVX23	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	INC				
DENQWL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DFCE3W	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DHDD9V	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DQPMHA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DTPQZ4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DU8UXW	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

DUNYEA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DUYZNU	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
DXWG3A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DY6739	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DYJTDW	PowerPlex® Fusion 6C, SigPrep - Primer Set B					
	15,18.3	23	14	15,16	11	13,14
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
E28J38	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
E83J2F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

E8H6BG	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
E8YYCR	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
E9A2ZB	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
E9RBXF	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
E9RJRH	GlobalFiler™					
	15,18.3	23	14	15,16	11	ND
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	
E9UHFD	GlobalFiler™					
	NT	NT	NT	NT	NT	
1	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
EAX67K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

EBRVCY	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
EC9PD9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ED4XP3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EDML7W	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
EFAT8G	PowerPlex® 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
EFLPAZ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EJ98RK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

EK3XXZ	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
ELJ9P4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ENYU9C	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EPLEG9	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EPYBKR	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
EQWQ7K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EXNEHQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

EXRWP3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EYXEMX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
F2M3V3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	-
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
F2PNJK	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
F2ZLJV	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
F63NFC	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
F6MDPH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

F8DFXQ	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
F977RL	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
FBJ7DY	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
FBUVXK	GlobalFiler™ Direct (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FBY2PE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FET7UK	GlobalFiler™ Direct (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
FEY9BC	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

FFRTNF	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
FGKAU6	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FHWPN7	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FKXVP7	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
FL86FH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FNX4UG	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
FR3XLH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

FYFNED	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
G2MFRC	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
G3NNNA	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
G79FYC	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
GC2B6Q	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
GC6276	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
GFF9DD	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

GFK2A6	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GGTMY2	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
GH7H2K	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
GHCXY	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
GJKD76	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GLLQPK	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
GNWRL3	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
1	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					

TABLE 2

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

Item 1 - STR Results

GRCE7C	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GX8U84	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
H6JXHF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
H82RV4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
H9TQA2	Investigator® 24plex GO					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
HA8ZEW	Versaplex 27PY					
	15,18.3	23,23	14,14	15,16	11,11	13,14
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11	17	18		
HDF6BG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	

TABLE 2

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

Item 1 - STR Results

HE84PE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HEJ2JZ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HFVQVP	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
HLGQ3P	VeriFiler Plus					
	15,18.3	23	14	15,16	11	13,14
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17				2	
HPTTET	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HTJTDH	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
HWYRB	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

HWNVG4		GlobalFiler™					
		15,18.3	23,23	14,14	15,16	11,11	
1		8,11	12,12	13,13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22			21,29.2	7,8	8,11
		17,17	11			2	
HWZACN		GlobalFiler™					
		15,18.3	23	14	15,16	11	
1		8,11	12	13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22			21,29.2	7,8	8,11
		17	11			2	
HXWG62		PowerPlex® Fusion 5C					
		15,18.3	23	14	15,16	11	
1		8,11	12	13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22	12,13	7,12		7,8	8,11
		17	11				
J77YYN		PowerPlex® Fusion 6C Direct					
		15,18.3	23	14	15,16	11	
1		8,11	12	13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22	12,13	7,12	21,29.2	7,8	8,11
		17	11	17	18		
J8MVRM		GlobalFiler™ (STRmix 2.8)					
		15,18.3	23	14	15,16	11	
1		8,11	12	13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22			21,29.2	7,8	8,11
		17	11			2	
J9PJKE		GlobalFiler™					
		15,18.3	23	14	15,16	11	
1		8,11	12	13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22			21,29.2	7,8	8,11
		17	11			2	
JBC3LC		PowerPlex® Fusion 5C					
		15,18.3	23,23	14,14	15,16	11,11	
1		8,11	12,12	13,13	18.3,24	8,13	10,13
		14,15	14,15	28,30	11,16	X,Y	10,14
		19,22	12,13	7,12		7,8	8,11
		17,17	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 1 - STR Results

JBGHYD	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JBL8MM	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JCRGV8	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JDQU6X	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
JJZBDL	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JK9RRG	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JLZWBE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

JMTPWY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JTETQM	GlobalFiler™ Express (GENE MAPPER)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
JUHR7T	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JUXJ96	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
JVU4V6	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
JWK3A3	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	N/A
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
JX9PFD	GlobalFiler™ Direct (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

JXV2EL	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
1	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
JZ4PUF	GlobalFiler™ (STRMIX)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
K7E4NT	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
KAZL7D	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KF6GRY	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
KFB7G9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KFVEEY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

KJBZY8	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
KMACU8	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
KMVU67	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KPZUDW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	[18.3],[24]	8,13	[10],[13]
	14,15	14,15	28,30	11,16	X,Y	10,[14]
	19,22			21,29.2	[7],[8]	[8],[11]
	17,17	11			2	
KQ4H63	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
KQTN9F	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KTGRQ9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

KTUGJ2	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
KV9MF3	Investigator® 24plex QS, FlexPlex27					
	15,18.3	23,23	14,14	15,16	11,11	13,14
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	7,12	21,29.2	7,8	8,11
	17,17	11	INC	18	N/A	
KX9YZH	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
KYN9YB	Investigator® 24plex GO!					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
L3XVZT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
L8AW8H	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
L93UD4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

LCAHD7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LDXLJF	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
LEPUJJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LERCPU	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LHN6EJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LJBWZT	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
LMQ6NT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

LPQ6Z7	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
LQH2PZ	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
LRLVU6	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LRWLFP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
LRYP9J	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
LXN62W	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LYY8MV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

M2Z68J	Investigator® 24plex (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
M68VXC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
M6FDVJ	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
M7JYLV	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
M7L4EJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
M8T4YJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MBCQKW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

MD9WQJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
MGBQQA	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
MHCHZ2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
MHRA2B	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MJ2RYH	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MJJZXW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
MKBWC8	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

MKR2U6	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
MLK4BT	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
MNC3PR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MNY9LW	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	N/A
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
MRVK92	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MVTNPH	PowerPlex® Fusion 6C (CODIS)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
MVV9LY	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

MYRTR4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
N22PYW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
N24RXW	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
N2TDVU	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
N6HDG6	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
N7RM8G	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
1	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
N9KVV4	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

NF7VEG	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NF9FBW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NK9MVU	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
NKRD6E	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
NPK3MA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NPX48K	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
NRP3LJ	Verifiler Plus					
	15,18.3	23	14	15,16	11	13,14
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17				2	

TABLE 2

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

Item 1 - STR Results

NRW9YX	Investigator® 24plex QS & Go					
	15,18.3	23,23	14,14	15,16	11,11	N/A
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
NU26XL	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
NUBPE7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NUYA2G	Identifiler® Plus (Genotyper 3.7)					
		23		15,16	11	
1	8,11	12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17					
NXU2YU	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
P2QZTJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
P3RMWA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

P6XR3N	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
P779GH	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
PB2BB9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
PFTE8V	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
PK8J7T	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
PT4JFE	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
PWP2XZ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

PXBE9A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
PXD68U	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
PXFQ3A	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
PXMEVK	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
PXYH7Q	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
PZDDB6	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
PZFY8K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

Q64ABF	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
Q9Y28Y	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QE92K	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
QFBEP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QFNLK8	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QGJTEK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QJNPEE	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					

TABLE 2

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

Item 1 - STR Results

QLHAQE	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QLHJ3M	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QM7M9W	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
QMFVKA	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QMNZAE	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
QN38WV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QPAHRY	NGM SElect					
	15,18.3	23,23	14,14	15,16		
1		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					

TABLE 2

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

Item 1 - STR Results

QQCK2G	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
QQVJYE	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
QTTH7U	Investigator® 24plex GO!					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
QUCH4F	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
QURA6Q	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QVEJNM	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
QY2279	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

QY6TM8	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
QZB7KW	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
QZHKEN	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
R27FE3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
R4TH6J	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
R4WA6Y	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
R63JWK	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 1 - STR Results

R7LN32	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
R9H4PR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RBDM4X	Identifiler®					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
RET9N7	GlobalFiler™ Direct (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
RGKGDE	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
RHNYZJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	-
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
RHTGRG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

RT9FEC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RTB2CD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RTZBQR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RUKTH9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
RWH24W	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
RZBWBF	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
T2ZYRK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

T3K3QP	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
T7GQ6B	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
T7X3MG	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
T8DTPT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
T9LQE4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TAZDQQ	PowerPlex® Fusion 6C (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
TBBMU3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

TBNZW2	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TDFYBY	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TEV8NR	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TK379B	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
TL6HKE	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
TLQAQ4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TPNQY	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

TQ7GE3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TQGGZD	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
TTTELU	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
TUL3XC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
TW9DQT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
TY834Q	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
TYF7R2	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

U42JVB	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
U49XQ3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
U6AQZP	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
U6CCW6	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
U6V6N2	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
U8MZDV	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
UA6KXQ	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 1 - STR Results

UB4JGY	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UKN32	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UE9NAP	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UK6TYG	GlobalFiler™ (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UKX2BD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UNC7XU	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
UP9QKT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

UR3UTF	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
URMLQ8	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
URVXUA	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
UTMC63	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UVGFCU	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UWJ4BE	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
1	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
UWNXBQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

UXC7R2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
V2BGM2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
V3AAMX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V427BR	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V73TGD	GlobalFiler™ (STRmix v2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	-
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
V7HC2A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V7KXWQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

V847DA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
V8JZY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VDVDWH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VEFZY2	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VF24CT	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
VFWJA4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VFXNZT	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 1 - STR Results

VHV8M2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
VHZMY2	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VJCAJ2	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VJCJ67	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VKH6UR	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VN27PD	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VNPRR9	Investigator® 24plex GO!					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

VQ8L7H	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
VQJFEB	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VQVCJF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VTYKKF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VUPJYE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VUXMMP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WQ7GG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17	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 1 - STR Results

VWV9Y3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VWXWGF	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
W26P9Q	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
W2EH4J	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	INC				
W2WAC4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
W3JBKD	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	15,18.3	23	14	15,16	11	13,14
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
W4VY6D	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

W6CVWD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
W9PVT4	GlobalFiler™ Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WBFBL4	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WCUZLV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WDFEN8	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WEYX7J	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WGGE8D	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

WHVMC8	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WKFP4C	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WUXBTM	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WV4ZTB	PowerPlex® Fusion 6C Direct					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
WYNMUB	GlobalFiler™ Express					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
X4UDGV	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
X6RBHW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

X7ZQ6P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
X8GFFA	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
XAZ22P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
XDJ2EJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XGHC9X	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XGZGFD	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
XJB9WR	Identifiler®					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					

TABLE 2

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

Item 1 - STR Results

XJMZPA	Identifiler®, GlobalFiler™, NGM					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XMPUG2	GlobalFiler™ Direct, Argus X					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XTFB2P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
XTNPRK	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
XVY9DB	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XYFQGD	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XZT8MZ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

Y2EBVX	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
Y4BEQW	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
Y4WREA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
Y8R6ZV	GlobalFiler™ Express					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YAB7X3	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
1	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
YCE2EJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

YDTQHW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YEKL7Q	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
YEUHQN	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YFKG6M	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
YGG2RL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YH878N	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
YHLHX7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 1 - STR Results

YKVMCU	GlobalFiler™ Direct					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YLQMQX	GlobalFiler™ (STRmix)					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YRAH74	PowerPlex® Fusion					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YTL8K9	GlobalFiler™					
1	15,18.3	23,23	14,14	15,16	11,11	NT
	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	NT	NT	21,29.2	7,8	8,11
	17,17	11	NT	NT	2	
YWQQU3	PowerPlex® Fusion					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YZ4QQU	PowerPlex® 6C					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
YZD6TW	GlobalFiler™					
1	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

Z37XK7	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
Z39GRH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
Z6AT4A	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZB3NC9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZCDQX8	Identifiler® Plus					
		23,23		15,16	11,11	
1	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
ZFY9FR	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZGTYL8	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 1 - STR Results

ZHBF3X	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
ZJHUA4	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZJVWWY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZKDDDQ	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZM6A3K	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZMKVCL	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZN9WUQ	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 1 - STR Results

ZNN2NH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZNP36A	GlobalFiler™ PCR Amplification kit					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZQ2RRJ	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
ZRTP6T	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZRZ4ZL	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZVMJ3U	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
1	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZWJ4PU	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
1	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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

22V7PU	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
279E4Y	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
284PMM	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
2A99LX	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
2BKWBM	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
2CF676	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
2DQF2K	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

2FXW9E	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NM			NM	
2G7EF3	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
2L32CC	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
2LGZ6W	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
2MPBV9	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
2NE9QL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
2RDKLL	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

2RPFWU	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
2TK7TX	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
2V4YV3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
2V6JKU	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
2ZTLFA	GlobalFiler™ (STRmix 2.4.06)					
	14,15	21,25	11,11	16,17	10,11	-
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	-	-	17,28.2	7,9	6,9
	18,18	-	-	-	-	-
33FMY3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NA			NA	
343BV9	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

36M279	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
36QKCK	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
38UBKK	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
3C84H6	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
2	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
3CMCKE	Investigator® 24plex GO					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NAO				
3DQ8R4	Investigator® 24plex GO!					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
3EF9A9	PowerPlex® 6c					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		

TABLE 2

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

Item 2 - STR Results

3H2C8A	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
3L2ZWR	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
3LB7ZG	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
3LDQWW	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
3NQWBP	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
3PW398	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
3QAKLL	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

3QBG6F	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18					
3UP3PN	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
3UVTWB	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
3XU8HF	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
3XUKCH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
4296P3	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
43D3WL	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

43X2W6	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
478N4G	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
4793N2	Investigator® 24plex QS (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
48MMGC	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
4A48RD	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
4B96YW	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
4E8JLM	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

4GYATP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
4KCM8E	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	NSD
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	NSD	NSD	17,28.2	7,9	6,9
	18,18	NSD	NSD	NSD	NSD	
4LMCP6	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
4LU9GF	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
4M4JW9	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
4PUK3W	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
4QNB9B	Identifiler®					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

4THWCL	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
4TPCBT	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
4U7JHW	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
4WE8YQ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
4ZFNKF	Investigator® 24plex GO! & QS					
	14,15	21,25	11,11	16,17	10,11	N/A
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	N/A	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	
4ZRKEZ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	
648FTC	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

64A2JP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
66EV24	NGM SElect					
	14,15	21,25	11,11	16,17		
2		13,14	12,16	18,19		10,11
	16,18	11,13	32,2,35	17,17	X,X	
	20,21			17,28.2	7,9	
	18,18					
6DH26P	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
6EPJ4L	PowerPlex® Fusion 6C, Flex Plex					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NID	NID	NID		
6JZ8DD	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
6MKUED	PowerPlex® Fusion (STRmix™)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
6NRALJ	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

6PAQ3B	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
6R2MR6	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
6RGDUG	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
6TNXZ7	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
6WP2UD	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
6WRW23	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
6XJR9Q	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

73CJ8R	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
746ZCG	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
74ZNFM	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
76DCGE	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
77DKAB	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
78NYQC	PowerPlex® Fusion, 21, VERIFILER Express, VERIFILER Plus					
	14,15	21,25	11,11	16,17	10,11	14,17
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
7D7EX4	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	

TABLE 2

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

Item 2 - STR Results

7EJYPE	Investigator® 24plex IQS GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
7EXL22	VeriFiler Plus					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
7HYPTN	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
7P8TEF	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
7R7DKZ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	No Result			No Result	
7ULX4F	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
7UWNPZ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

7V28H3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
7VK28H	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
7W6KMA	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NM			NM	
7WK4WM	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
7XYYZ7	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
7ZGF72	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no result			no result	
847P4C	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	

TABLE 2

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

Item 2 - STR Results

84ZXVP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
8863NG	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
8AMX26	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
8CENQF	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
8CGH6F	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
8CVZX2	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
8CYWN4	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

8D7PC8	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
8DHNA2	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
8GJPAY	ID+					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
8KRKQF	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
8LG7ND	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
8NB6K4	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
8NPTNF	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	No Result			No Result	

TABLE 2

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

Item 2 - STR Results

8PL773	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
8TMAZA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
8UT7HP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
8Y64XN	Investigator® 24plex GO!					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
8ZJFRM	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
8ZKCCG	PowerPlex® Fusion					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
8ZPRNH	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

93NUZG	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
94ET2F	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
97P46R	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
98AKW9	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-				
98UERP	GlobalFiler™, ArgusX-12					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
98XBA7	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
9A2GL3	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		

TABLE 2

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

Item 2 - STR Results

9CDJX6	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
9FC2VW	Investigator® 24plex GO!					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
9G2XZE	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
9K9LZG	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	--	--	17,28.2	7,9	6,9
	18,18	--	--	--	--	--
9LTATP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
9NMLW9	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
9PUBV8	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

9QL8K2	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
9RGTD	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
9UUPA2	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
9WUQKF	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
9Y7X9K	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
9YERF2	Identifiler® + (Plus)					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
A3MWCL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

A4FDG9	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
A6MTNE	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
A72HWV	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
A7CU4Y	ESI17					
	14,15	21,25	11,11	16,17		
2		13,14	12,16	18,19		10,11
	16,17	11,13	32,2,35	15,17	X,X	
	20,21			17,28.2	7,9	
	18,18					
A8QWED	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
ABZ4UB	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
ADKKW9	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

ADKXPQ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
AENTXA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
AFMVZJ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
AHTDYE	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
AKE389	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ANRZEV	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
AP8AH4	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

AQAR8C	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
AQQDNL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ARJUUA	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
AUQPKL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
AUXJR2	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
AV6NNP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
AWAA4R	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

AWBXTH	GlobalFiler™ (STRMIX)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
AYKLAC	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
AYY6TA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
AZ6CLX	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	
B3F6XB	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
B3G397	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
B3Y96B	Investigator® 24plex QS					
	14,15	21,25	11,11	16,17	10,11	N/A
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	N/A	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 2 - STR Results

B4VWYL	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
B7FFTb	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
B7UZ3N	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18					
B7XHAZ	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
B89WWC	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
BAU2DJ	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
BAUBYN	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

BCWAAG	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
BDAJMN	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
BGJYHD	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
BL3Y8L	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
BM4L7B	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
BN9JX8	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
BNZ8TA	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

BNZR94	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
BRET CJ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
BX8A6F	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
BYHBTZ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
BZN8BE	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
C3PU39	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
C6LEER	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

C78UG4	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
C7LHHV	ID+					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
C933RW	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
CC2DNW	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
CE4R8D	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
CG3CMW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
CJZFXH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

CKAK39	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
CMYKNJ	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
CMYTHM	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	ND	ND	17,28.2	7,9	6,9
	18	ND	ND	ND	ND	
CRE27L	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
CT9HAN	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
CUGMPX	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
CVHU8C	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

CVUMQV	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
CYPH8A	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
D37A6F	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
D3BMRB	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	-				
D4DMBX	Investigator® 24plex QS (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
D6X7T9	Investigator® 24plex QS, GO!, FlexPlex 27					
	14,15	21,25	11,11	16,17	10,11	14,17
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	n/a	8,12	17,28.2	7,9	6,9
	18,18	n/a	n/a	n/a	n/a	
D788MW	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

D7B743	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
D7LTYJ	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
D7U9B4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
D9AA87	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
D9DRDH	Investigator® 24plex GO! (TRUEALLELE® CASEWORK SYSTEM)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
DAAGY3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
DCVX23	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	INC				

TABLE 2

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

Item 2 - STR Results

DENQWL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
DFCE3W	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
DHDD9V	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
DQPMHA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
DTPQZ4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
DU8UXW	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
DUNYEA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

DUYZNU	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
DXWG3A	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
DY6739	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	No results			No results	
DYJTDW	PowerPlex® Fusion 6C, SigPrep - Primer Set B					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
E28J38	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
E83J2F	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
E8H6BG	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

E8YYCR	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
E9A2ZB	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
E9RBFX	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
E9RJRH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	ND
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	ND	ND	17,28.2	7,9	6,9
	18	ND	ND	ND	ND	
E9UHFD	GlobalFiler™					
	NT	NT	NT	NT	NT	
2	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
EAX67K	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
EBRVCY	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

EC9PD9	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
ED4XP3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
EDML7W	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
EFAT8G	PowerPlex® 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
EFLPAZ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
EJ98RK	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
EK3XXZ	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

ELJ9P4	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ENYU9C	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
EPLEG9	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
EPYBKR	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
EQWQ7K	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
EXNEHQ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
EXRWP3	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

EYXEMX	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
F2M3V3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	-
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	-	-	17,28.2	7,9	6,9
	18,18	-	-	-	-	-
F2PNJK	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
F2ZLJV	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
F63NFC	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
F6MDPH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
F8DFXQ	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

F977RL	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
FBJ7DY	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
FBUVXK	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
FBY2PE	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
FET7UK	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
FEY9BC	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
FFRTNF	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

FGKAU6	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
FHWPN7	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
FKXVP7	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
FL86FH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
FNX4UG	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
FR3XLH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
FYFNED	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

G2MFRC	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
G3NNNA	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
G79FYC	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
GC2B6Q	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
GC6276	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
GFF9DD	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
GFK2A6	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

GGTMY2	PowerPlex® Fusion (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
<hr/>						
GH7H2K	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
<hr/>						
GHCXY	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
<hr/>						
GJKD76	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
<hr/>						
GLLQPK	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
<hr/>						
GNWRL3	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
2	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
<hr/>						
GRCE7C	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

GX8U84	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
H6JXHF	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
H82RV4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	
H9TQA2	Investigator® 24plex GO					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-				
HA8ZEW	VERSAPLEX 27 PY					
	14,15	21,25	11,11	16,17	10,11	14,17
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
HDF6BG	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	ND	ND	17,28.2	7,9	6,9
	18	ND	ND	ND	ND	
HE84PE	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

HEJ2JZ	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
HFVQVP	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
HLGQ3P	VeriFiler Plus					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
HPTTET	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
HTJTDH	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
HWYRB	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
HWNVG4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	

TABLE 2

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

Item 2 - STR Results

HWZACN	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
HXWG62	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
J77YYN	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
J8MVRM	GlobalFiler™ (STRmix 2.8)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
J9PJKE	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
JBC3LC	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
JBGHYD	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

JBL8MM	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
JCRGV8	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
JDQU6X	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
JJZBDL	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
JK9RRG	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
JLZWBE	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
JMTPWY	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

JTETQM	GlobalFiler™ Express (GENE MAPPER)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	N/A			N/A	
JUHR7T	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
JUXJ96	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
JVU4V6	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
JWK3A3	Investigator® 24plex GO!, FlexPlex 27					
	14,15	21,25	11,11	16,17	10,11	14,17
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	8,12	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	
JX9PFD	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
JXV2EL	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
2	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

JZ4PUF	GlobalFiler™ (STRMIX)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
K7E4NT	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
KAZL7D	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
KF6GRY	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
KFB7G9	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
KFVEEY	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NM			NM	
KJBZY8	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	

TABLE 2

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

Item 2 - STR Results

KMACU8	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
KMVU67	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
KPZUDW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
KQ4H63	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
KQTN9F	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
KTGRQ9	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
KTUGJ2	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

KV9MF3	Investigator® 24plex GO					
	14,15	21,25	11,11	16,17	10,11	N/A
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	N/A	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	
KX9YZH	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
KYN9YB	Investigator® 24plex GO!					
	14,15	21,25	11	16,17	10,11	
	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
L3XVZT	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR		NR		
L8AW8H	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
L93UD4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
LCAHD7	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

LDXLJF	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
LEPUJJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
LERCPU	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
LHN6EJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
LJBWZT	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
LMQ6NT	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
LPQ6Z7	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

LQH2PZ	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
LRLVU6	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	No results			No results	
LRWLFP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
LRYP9J	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
LXN62W	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
LYY8MV	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
M2Z68J	Investigator® 24plex (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

M68VXC	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
M6FDVJ	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
M7JYLV	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18					
M7L4EJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
M8T4YJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
MBCQKW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
MD9WQJ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	

TABLE 2

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

Item 2 - STR Results

MGBQQA	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
MHCHZ2	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
MHRA2B	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
MJ2RYH	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
MJJZXW	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
MKBWC8	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
MKR2U6	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	

TABLE 2

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

Item 2 - STR Results

MLK4BT	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
MNC3PR	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
MNY9LW	Investigator® 24plex QS,GO!					
	14,15	21,25	11,11	16,17	10,11	N/A
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	N/A	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	
MRVK92	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
MVTNPH	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15-17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
MVV9LY	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	No result			No result	
MYRTR4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

N22PYW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
N24RXW	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
N2TDVU	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
N6HDG6	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
N7RM8G	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
2	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
N9KVV4	PowerPlex® 6C, FlexPlex27					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NID	NID	NID		
NF7VEG	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

NF9FBW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	
NK9MVU	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
NKRD6E	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
NPK3MA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
NPX48K	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
NRP3LJ	Verifiler Plus					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
NRW9YX	Investigator® 24plex QS, FlexPlex 27					
	14,15	21,25	11,11	16,17	10,11	INC
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	N/A	8,12	17,28.2	7,9	6,9
	18,18	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 2 - STR Results

NU26XL	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
NUBPE7	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
NUYA2G	Identifiler® Plus (Genotyper 3.7)					
		21,25		16,17	10,11	
2	8	13,14			12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18					
NXU2YU	PowerPlex® Fusion (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
P2QZTJ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
P3RMWA	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
P6XR3N	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

P779GH	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
PB2BB9	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
PFTE8V	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
PK8J7T	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
PT4JFE	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
PWP2XZ	GlobalFiler™ (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
PXBE9A	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

PXD68U	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
PXFQ3A	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
PXMEVK	Investigator® 24plex QS (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
PXYH7Q	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NM			NM	
PZDDB6	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
PZFY8K	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
Q64ABF	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

Q9Y28Y	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
QE92K	Investigator® 24plex QS (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
QFBEP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
QFNLK8	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
QGJTEK	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
QJNPEE	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
QLHAQE	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

QLHJ3M	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
QM7M9W	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
QMFVKA	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
QMNZAE	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
QN38WV	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	
QPAHRY	NGM SElect					
	14,15	21,25	11,11	16,17		
2		13,14	12,16	18,19		10,11
	16,18	11,13	32,2,35	17,17	X,X	
	20,21			17,28.2	7,9	
	18,18					
QQCK2G	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18	ND	ND	ND		

TABLE 2

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

Item 2 - STR Results

QQVJYE	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
QTTH7U	Investigator® 24plex GO!					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
QUCH4F	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
QURA6Q	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
QVEJNM	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
QY2279	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
QY6TM8	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

QZB7KW	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
QZHKEN	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
R27FE3	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
R4TH6J	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
R4WA6Y	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
R63JWK	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
R7LN32	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

R9H4PR	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
RBDM4X	Identifiler®					
		21,25		16,17		
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
RET9N7	GlobalFiler™ Direct (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
RGKGDE	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
RHNYZJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	-
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	-	-	17,28.2	7,9	6,9
	18,18	-	-	-	-	-
RHTGRG	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
RT9FEC	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	

TABLE 2

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

Item 2 - STR Results

RTB2CD	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
RTZBQR	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
RUKTH9	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
RWH24W	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	-				
RZBWBFB	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
T2ZYRK	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
T3K3QP	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

T7GQ6B	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
T7X3MG	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
T8DTPT	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
T9LQE4	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
TAZDQQ	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	-	-	-		
TBBMU3	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
TBNZW2	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

TDFYBY	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
TEV8NR	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
TK379B	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
TL6HKE	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	NR				
TLQAQ4	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
TPNQY	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
TQ7GE3	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

TQGGZD	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32.2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
TTTELU	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
TUL3XC	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
TW9DQT	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
TY834Q	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
TYF7R2	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
U42JVB	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

U49XQ3	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
U6AQZP	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
U6CCW6	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
U6V6N2	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
U8MZDV	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
UA6KXQ	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
UB4JGY	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

UCGRKV	FlexPlex					
	14,15	21,25	NID	16,17	10,11	14,17
2	NID	13,14	NID	18,19	NID	10,11
	16,18	11,13	32,2,35	NID	NID	11,12
	NID		NID	NID	7,9	NID
	NID	NID	NID	NID		
UCKN32	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
UE9NAP	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
UK6TYG	GlobalFiler™ (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
UKX2BD	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	ND			ND	
UNC7XU	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	-				
UP9QKT	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	N/D			N/D	

TABLE 2

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

Item 2 - STR Results

UR3UTF	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
URMLQ8	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
URVXUA	PowerPlex® Fusion 6C Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
UTMC63	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
UVGFCU	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
UWJ4BE	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
2	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
UWNXBQ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

UXC7R2	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
V2BGM2	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
V3AAMX	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
V427BR	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
V73TGD	GlobalFiler™ (STRmix v2.4.06)					
	14,15	21,25	11,11	16,17	10,11	-
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	-	-	17,28.2	7,9	6,9
	18,18	-	-	-	-	-
V7HC2A	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	
V7KXWQ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no results			no results	

TABLE 2

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

Item 2 - STR Results

V847DA	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	ND			ND	
V8JZY	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
VDVDWH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
VEFZY2	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
VF24CT	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
VFWJA4	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
VFXNZT	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

VHV8M2	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
VHZMY2	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
VJCAJ2	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
VJCJ67	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
VKH6UR	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
VN27PD	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
VNPRR9	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	-				

TABLE 2

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

Item 2 - STR Results

VQ8L7H	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32.2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
VQJFEB	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
VQVCJF	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
VTYKKF	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
VUPJYE	PowerPlex® Fusion 6C, GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
VUXMMP	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
WQ7GG	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	17	X	11,12
	20,21	-	-	17,28.2	7,9	6,9
	18	-	-	-	-	

TABLE 2

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

Item 2 - STR Results

VWV9Y3	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
VWXWGF	Investigator® 24plex QS (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
W26P9Q	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
W2EH4J	PowerPlex® Fusion 5C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	INC				
W2WAC4	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
W3JBKD	PowerPlex® Fusion 6C, GlobalFiler™ Express, Signature Prep - Primer Set B					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR	NR	
W4VY6D	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	

TABLE 2

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

Item 2 - STR Results

W6CVWD	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
W9PVT4	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
WBFBL4	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
WCUZLV	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
WDFEN8	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	no result			no result	
WEYX7J	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18	NM			NM	
WGGE8D	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

WHVMC8	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,25	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
WKFP4C	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
WUXBTM	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
WV4ZTB	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
WYNMUB	GlobalFiler™ Express					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	NR			NR	
X4UDGV	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
X6RBHW	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

X7ZQ6P	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
X8GFFA	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
XAZ22P	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
XDJ2EJ	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
XGHC9X	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
XGZGFD	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
XJB9WR	Identifiler®					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

XJMZPA	Identifiler®, GlobalFiler™, NGM					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
XMPUG2	GlobalFiler™ Direct, Argus X					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
XTFB2P	PowerPlex® Fusion (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
XTNPRK	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
XVY9DB	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
XYFQGD	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
XZT8MZ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

Y2EBVX	PowerPlex® Fusion 5C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
Y4BEQW	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
Y4WREA	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
Y8R6ZV	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
YAB7X3	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
2	NT	NT	NT	NT	NT	NT
	NT	NT	Nt	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
YCE2EJ	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

YDTQHW	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
YEKL7Q	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
YEUHQN	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	ND			ND	
YFKG6M	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
YGG2RL	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
YH878N	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					
YHLHX7	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 2 - STR Results

YKVMCU	GlobalFiler™ Direct					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
YLQMQX	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
YRAH74	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
YTL8K9	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	NT
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21	NT	NT	17,28.2	7,9	6,9
	18,18	NR	NT	NT	NR	
YWQQU3	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18					
YZ4QQU	PowerPlex® 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
YZD6TW	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	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 2 - STR Results

Z37XK7	PowerPlex® Fusion					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	NR				
Z39GRH	GlobalFiler™ Express					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
Z6AT4A	GlobalFiler™ PCR Amplification Kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
ZB3NC9	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NR	NR	NR		
ZCDQX8	Identifiler® Plus					
		21,25		16,17	10,11	
2	8,8	13,14			12,12	10,11
	16,18	11,13	32,2,35		X,X	11,12
	20,21				7,9	6,9
	18,18					
ZFY9FR	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
ZGTYL8	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18	NR			NR	

TABLE 2

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

Item 2 - STR Results

ZHBF3X	Investigator® 24plex QS					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ZJHUA4	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
ZJVWWY	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ZKDDDQ	PowerPlex® Fusion 6C, FlexPlex 27					
	14,15	21,25	11	16,17	10,11	14,17
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	NID	NID	NID		
ZM6A3K	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
ZMKVCL	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
ZN9WUQ	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					

TABLE 2

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

Item 2 - STR Results

ZNN2NH	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ZNP36A	GlobalFiler™ PCR Amplification kit					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18	-			-	
ZQ2RRJ	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
ZRTP6T	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
ZRZ4ZL	GlobalFiler™ (STRmix)					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X	11,12
	20,21			17,28.2	7,9	6,9
	18					
ZVMJ3U	PowerPlex® Fusion 6C					
	14,15	21,25	11	16,17	10,11	
2	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18					
ZWJ4PU	GlobalFiler™					
	14,15	21,25	11,11	16,17	10,11	
2	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	17,17	X,X	11,12
	20,21			17,28.2	7,9	6,9
	18,18					

TABLE 2

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

Item 3 - STR Results

22V7PU	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
279E4Y	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
284PMM	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
2A99LX	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2BKWBM	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
2CF676	GlobalFiler™ (STRmix)					
	13,14,15.3,16.1,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	6,7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31,32	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,24,24.2,25.26	7,8	8,11,12
	14,15,16	9,10			2	
2DQF2K	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

2FXW9E	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2G7EF3	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
2L32CC	GlobalFiler™ (STRmix)					
	13,14,15.3,16.1,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	6,7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,24,24.2,25	7,8	8,11,12
	14,15,16	9,10			2	
2LGZ6W	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2MPBV9	PowerPlex® 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
2NE9QL	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2RDKLL	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

2TK7TX	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2V4YV3	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
2V6JKU	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
2ZTLFA	GlobalFiler™ (STRmix 2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	-
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	-	-	18,25	7,8	8,12
	15,16	10	-	-	2	
33FMY3	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
343BV9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
36M279	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

36QKCK	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
38UBKK	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
3C84H6	PowerPlex® 21					
	14,16.3	19,21		16,16	8,10	11,19
3	7,10	13,14		15,21	13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16					
3CMCKE	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
3DQ8R4	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
3EF9A9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3H2C8A	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

3L2ZWR	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3LB7ZG	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
3LDQWW	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
3NQWBP	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3PW398	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
3QAKLL	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
3QBG6F	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

3UP3PN	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3UVTWB	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3XU8HF	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
3XUKCH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4296P3	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
43D3WL	PowerPlex® Fusion 6C (STRmix v 2.8)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
43X2W6	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

478N4G	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4793N2	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
48MMGC	Investigator® 24plex IQS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
4A48RD	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4B96YW	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
4E8JLM	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4GYATP	GlobalFiler™					
	14,[15],16.3	19,21	10,11	16,[17]	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,[28],31,[32]	15,16	X,Y	10,12,[13]
	23,24			18,[19],25,[26]	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

4KCM8E	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	NSD
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	NSD	NSD	18,25	7,8	8,12
	15,16	10	NSD	NSD	2	
4LMCP6	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4LU9GF	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
4M4JW9	PowerPlex® 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
4PUK3W	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4QNB9B	Identifiler®					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
4THWCL	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

4TPCBT	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
4WE8YQ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
4ZFNKF	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	N/A
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	N/A	N/A	18,25	7,8	8,12
	15,16	10	N/A	N/A	N/A	
4ZRKEZ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
648FTC	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
64A2JP	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
6DH26P	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

6EPJ4L	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
6JZ8DD	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
6MKUED	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
6NRALJ	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
6PAQ3B	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
6R2MR6	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
6RGDUG	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

6TNXZ7	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
6WP2UD	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
6WRW23	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
6XJR9Q	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
73CJ8R	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
746ZCG	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
74ZNFM	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

76DCGE	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
77DKAB	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
78NYQC	PowerPlex® Fusion, 21, VERIFILER Express, VERIFILER Plus					
	14,16.3	19,21	10,11	16,16	8,10	11,19
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10			2	
7D7EX4	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
7EJYPE	Investigator® 24plex IQS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
7EXL22	VeriFiler Plus					
	14,16.3	19,21	10,11	16	8,10	11,19
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16				2	
7HYPTN	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

7P8TEF	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
7R7DKZ	GlobalFiler™ (STRmix v2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
7ULX4F	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
7UWNPZ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
7V28H3	GlobalFiler™ (STRmix version 2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
7VK28H	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
7W6KMA	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

7WK4WM	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
7XYYZ7	GlobalFiler™ (STRmix)					
	13,14,15.3,16.1,16.3	18,19,20,21	9,10,11	15,16,17	7,8,9,10	
3	6,7,9,10	12,13,14,15	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,24,24.2,25	6,7,8	7,8,11,12
	14,15,16	9,10			2	
7ZGF72	GlobalFiler™ (STRmix version 2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
847P4C	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8AMX26	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
8CENQF	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
8CGH6F	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

8CYWN4	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8D7PC8	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
8DHNA2	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
8GJPAY	ID+					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
8KRKQF	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8LG7ND	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
8NB6K4	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

8NPTNF	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8PL773	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
8TMAZA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8UT7HP	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8Y64XN	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
8ZJFRM	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
8ZKCCG	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

8ZPRNH	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
93NUZG	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
94ET2F	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
97P46R	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
98AKW9	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
98UERP	GlobalFiler™, MiniFiler, ArgusX-12					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
98XBA7	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

9A2GL3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
9CDJX6	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,24,24.2,25	7,8	8,12
	14,15,16	9,10			2	
9FC2VW	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
9G2XZE	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
9K9LZG	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	--	--	18,25	7,8	8,12
	15,16	10	--	--	2	
9LTATP	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
9NMLW9	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

9PUBV8	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
9QL8K2	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
9RGTDR	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
9UUPA2	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
9WUQKF	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
9Y7X9K	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
9YERF2	Identifiler® + (Plus)					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					

TABLE 2

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

Item 3 - STR Results

A3MWCL	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
A4FDG9	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
A6MTNE	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
A72HWV	Identifiler® Plus, MiniFiler					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
A7CU4Y	ESI17					
	14,16.3	19,21	10,11	16,16		
3		13,14	13,13	15,21		9,11
	15,17	12,12.2	27,31	15,16	X,Y	
	23,24			18,25	7,8	
	15,16					
A8QWED	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ABZ4UB	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

ADKKW9	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ADKXPQ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AENTXA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AFMVZJ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	[7],10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,[31]	15,16	X,Y	10,12
	23,[24]			[18],25	7,8	8,12
	15,16	10			2	
AHTDYE	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
AKE389	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ANRZEV	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

AP8AH4	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
AQAR8C	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AQQDNL	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ARJUUA	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AUQPKL	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AUXJR2	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AV6NNP	GlobalFiler™					
	14,[16.3]	19,21	10,[11]	16	8,[10]	
3	[7],[10]	[13],14	13	[15],[21]	13,[14]	9,11
	[15],[17]	[12],[12.2]	[27],[31]	15,16	X,[Y]	10,[12]
	[23],[24]			[18],[25]	7,8	[8],12
	[15],[16]	[10]			[2]	

TABLE 2

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

Item 3 - STR Results

AWAA4R	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
AWBXTH	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AYKLAC	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AYY6TA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
AZ6CLX	GlobalFiler™ (STRmix 2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
B3F6XB	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
B3G397	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

B3Y96B	Investigator® 24plex QS, FlexPlex27					
	14,16.3	19,21	10,11	16,16	8,10	INC
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	N/A	INC	18,25	7,8	8,12
	15,16	10	INC	INC	N/A	
B4VWYL	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
B7FFTb	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
B7UZ3N	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
B7XHAZ	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
B89WWC	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BAU2DJ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16,17	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

BAUBYN	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BCWAAG	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
BDAJMN	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BGJYHD	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BL3Y8L	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
BM4L7B	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BN9JX8	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

BNZ8TA	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BNZR94	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BRETCJ	GlobalFiler™ (STRMix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BX8A6F	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BYHBTZ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
BZN8BE	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
C3PU39	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

C6LEER	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
C78UG4	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
C7LHHV	Identifiler Pllus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
C933RW	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
CC2DNW	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
CE4R8D	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
CG3CMW	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16,17	7,8,9,10	
3	6,7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,18,24,25	7,8	8,12
	14,15,16	10			2	

TABLE 2

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

Item 3 - STR Results

CJZFXH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
CKAK39	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
CMYKNJ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
CMYTHM	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	ND	ND	18,25	7,8	8,12
	15,16	10	ND	ND	2	
CRE27L	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
CT9HAN	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
CUGMPX	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

CVHU8C	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
CVUMQV	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
CYPH8A	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
D37A6F	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
D3BMRB	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
D4DMBX	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
D6X7T9	Investigator® 24plex QS, FlexPlex 27					
	14,16.3	19,21	10,11	16,16	8,10	11,19
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	n/a	8,13	18,25	7,8	8,12
	15,16	10	19	16	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 3 - STR Results

D788MW	GlobalFiler™ (STR-MIX)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
D7B743	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
D7LTYJ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
D7U9B4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
D9AA87	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
D9DRDH	Investigator® 24plex QS (TRUEALLELE® CASEWORK SYSTEM)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
DAAGY3	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

DENQWL	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DFCE3W	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DHDD9V	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,18,24,25	6,7,8	8,12
	14,15,16	10			2	
DQPMHA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DTPQZ4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DU8UXW	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DUNYEA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

DUYZNU	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
DXWG3A	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DY6739	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DYJTDW	PowerPlex® Fusion 6C, SigPrep - Primer Set B					
	14,16.3	19,21	10,11	16	8,10	11,19
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
E28J38	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
E83J2F	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
E8H6BG	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

E8YYCR	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
E9A2ZB	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
E9RBFX	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
E9RJRH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	ND
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	ND	ND	18,25	7,8	8,12
	15,16	10	ND	ND	2	
EAX67K	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EBRVCY	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
EC9PD9	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

ED4XP3	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EFAT8G	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
EFLPAZ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EJ98RK	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EK3XXZ	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
ELJ9P4	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ENYU9C	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

EPLEG9	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EPYBKR	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
EQWQ7K	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EXNEHQ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EXRWP3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
EYXEMX	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
F2M3V3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	-
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	-	-	18,25	7,8	8,12
	15,16	10	-	-	2	

TABLE 2

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

Item 3 - STR Results

F2PNJK	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
F2ZLJV	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
F63NFC	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
F6MDPH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
F8DFXQ	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
F977RL	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
FBJ7DY	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

FBUVXK	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FBY2PE	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FET7UK	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FEY9BC	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FFRTNF	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
FGKAU6	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FHWP7	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

FKXVP7	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
FL86FH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,30,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FNX4UG	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
FR3XLH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
FYFNED	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
G2MFRC	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
G3NNNA	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

G79FYC	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
GC6276	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
GFF9DD	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
GFK2A6	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
GGTMY2	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
GH7H2K	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
GHCXY	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

GJKD76	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
GLLQPK	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
GNWRL3	PowerPlex® 21					
	14,16.3	19,21		16,16	8,10	11,19
3	7,10	13,14		15,21	13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16					
GRCE7C	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
GX8U84	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
H6JXHF	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
H82RV4	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

HA8ZEW	VERSAPLEX 27 PY					
	14,16.3	19,21	10,11	16,16	8,10	11,19
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2,12	8,13		7,8	8,12
	15,16	10	19	16		
HDF6BG	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	ND	ND	18,25	7,8	8,12
	15,16	10	ND	ND	2	
HE84PE	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
HEJ2JZ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
HFVQVP	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
HLGQ3P	VeriFiler Plus					
	14,16.3	19,21	10,11	16	8,10	11,19
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16				2	
HPTTET	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

HTJTDH	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
HWYRB	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
HWNVG4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
HWZACN	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
HXWG62	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
J77YYN	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
J8MVRM	GlobalFiler™ (STRmix 2.8)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	7,9,10	12,13,14	12,13	15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,18,19,24,24.2,25	7,8	8,12
	14,15,16	9,10			2	

TABLE 2

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

Item 3 - STR Results

J9PJKE	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JBC3LC	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
JBGHYD	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
JBL8MM	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	8,9,10	
3	7,9,10	12,13,14	12,13,14	15,20,21	12,13,14	9,10,11
	14,15,16,17	11,11.2,12,12.2	27,30,31	14,15,16	X,Y	9,10,11,12
	22,23,24			17,17.2,18,19,24,24.2,25	7,8	8,12
	14,15,16	9,10			2	
JCRGV8	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
JDQU6X	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JJZBDL	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

JK9RRG	PowerPlex® Fusion 6C (STRMix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
JLZWBE	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JMTPWY	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JTETQM	GlobalFiler™ Express (GENE MAPPER)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JUHR7T	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JUXJ96	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
JVU4V6	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

JX9PFD	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
JXV2EL	PowerPlex® 21 (STRmix)					
	14,16.3	19,21		16,16	8,10	11,19
3	7,10	13,14		15,21	13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16					
JZ4PUF	GlobalFiler™ (STRMIX)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
K7E4NT	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
KAZL7D	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KF6GRY	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
KFB7G9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

KFVEEY	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KJBZY8	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KMACU8	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KMVU67	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KPZUDW	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KQ4H63	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
KQTN9F	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

KTGRQ9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
KTUGJ2	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
KV9MF3	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	N/A
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	N/A	N/A	18,25	7,8	8,12
	15,16	10	N/A	N/A	N/A	
KX9YZH	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
KYN9YB	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
L3XVZT	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
L8AW8H	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					

TABLE 2

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

Item 3 - STR Results

L93UD4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LCAHD7	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LDXLJF	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LEPUJJ	GlobalFiler™ (STRmix V2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LERCPU	Investigator® 24plex IQS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
LHN6EJ	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LJBWZT	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

LMQ6NT	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LPQ6Z7	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
LQH2PZ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
LRLVU6	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LRWLFP	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
LRYP9J	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
LXN62W	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

LYY8MV	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
M2Z68J	Investigator® 24plex					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
M68VXC	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
M6FDVJ	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
M7JYLV	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
M7L4EJ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
M8T4YJ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

MBCQKW	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MD9WQJ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MGBQQA	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
MHCHZ2	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
MHRA2B	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MJ2RYH	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MJJZXW	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

MKBWC8	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
MKR2U6	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MLK4BT	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
MNC3PR	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MNY9LW	Investigator® 24plex QS, FlexPlex27TM					
	14,16.3	19,21	10,11	16,16	8,10	11,19
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	N/A	8,13	18,25	7,8	8,12
	15,16	10	19	16	N/A	
MRVK92	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
MVV9LY	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

MYRTR4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
N22PYW	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
N24RXW	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
N2TDVU	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
N6HDG6	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
N7RM8G	PowerPlex® 21 (STRmix 2.8.0)					
	14,16.3	19,21		16,16	8,10	11,19
3	7,10	13,14		15,21	13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16					
NF9FBW	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

NK9MVU	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
NKRD6E	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
NPK3MA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
NPX48K	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
NRP3LJ	Verifiler Plus					
	14,16.3	19,21	10,11	16	8,10	11,19
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16				2	
NRW9YX	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	N/A
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	N/A	N/A	18,25	7,8	8,12
	15,16	10	N/A	N/A	N/A	
NU26XL	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

NUBPE7	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
NUYA2G	Identifiler® Plus (Genotyper 3.7)					
		19,21		16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
NXU2YU	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
P2QZTJ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
P3RMWA	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
P6XR3N	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
P779GH	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

PB2BB9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
PFTE8V	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
PK8J7T	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
PT4JFE	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
PWP2XZ	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
PXBE9A	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
PXD68U	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

PXFQ3A	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
PXMEVK	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
PXYH7Q	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
PZDDB6	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
PZFY8K	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
Q64ABF	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
Q9Y28Y	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

QE92K	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QFBEP	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QFNK8	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QGJTEK	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QJNPEE	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
QLHAQE	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QLHJ3M	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	6,7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,24,24.2,25	7,8	8,11,12
	14,15,16	9,10			2	

TABLE 2

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

Item 3 - STR Results

QM7M9W	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
QMFVKA	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QMNZAE	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
QN38WV	GlobalFiler™ (STRmix v2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QPAHRY	NGM SElect					
	14,16.3	19,21	10,11	16,16		
3		13,14	13,13	15,21		9,11
	15,17	12,12.2	27,31	15,16	X,Y	
	23,24			18,25	7,8	
	15,16					
QQCK2G	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
QQVJYE	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

QTTH7U	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
QUCH4F	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
QURA6Q	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QVEJNM	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
QY2279	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
QY6TM8	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
QZB7KW	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

QZHKEN	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
R27FE3	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
R4TH6J	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
R4WA6Y	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
R63JWK	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
R7LN32	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
R9H4PR	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

RBDM4X	Identifiler®					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
RET9N7	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16,17	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
RGKGDE	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
RHNYZJ	GlobalFiler™ (STRmix v2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	-
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	-	-	18,25	7,8	8,12
	15,16	10	-	-	2	
RHTGRG	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
RT9FEC	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
RTB2CD	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					

TABLE 2

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

Item 3 - STR Results

RTZBQR	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
RUKTH9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
RWH24W	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
RZBWBF	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	7,8,9,10	
3	7,9,10	12,13,14	12,13	15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	26,27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24			17,17.2,18,19,24,24.2,25	7,8	8,12
	14,15,16	9,10			2	
T2ZYRK	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
T3K3QP	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
T7GQ6B	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

T7X3MG	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
T8DTPT	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
T9LQE4	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TAZDQQ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
TBBMU3	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TBNZW2	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TDFYBY	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

TEV8NR	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TK379B	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
TL6HKE	PowerPlex® Fusion, MiniFiler					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
TLQAQ4	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TPNQY	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
TQ7GE3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TQGGZD	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,X	10,12
	23,24				7,8	8,12
	15,16					

TABLE 2

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

Item 3 - STR Results

TTTELU	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
TUL3XC	Identifiler® Plus, 28+34 cycles					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
TW9DQT	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TY834Q	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
TYF7R2	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
U42JVB	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
U49XQ3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

U6AQZP	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
U6CCW6	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
U6V6N2	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
U8MZDV	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
UA6KXQ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
UB4JGY	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UCKN32	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

UE9NAP	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UK6TYG	GlobalFiler™ (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UKX2BD	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UNC7XU	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
UP9QKT	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UR3UTF	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
URMLQ8	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

URVXUA	PowerPlex® Fusion 6C (STRMix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
UTMC63	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31,32	15,16,17	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UVGFCU	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UWJ4BE	PowerPlex® 21					
	14,16.3	19,21		16,16	8,10	11,19
3	7,10	13,14		15,21	13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16					
UWNXBQ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
UXC7R2	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
V2BGM2	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

V3AAMX	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
V427BR	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
V73TGD	GlobalFiler™ (STRmix v2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	-
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	-	-	18,25	7,8	8,12
	15,16	10	-	-	2	
V7HC2A	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
V7KXWQ	GlobalFiler™ (STRmix 2.4)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
V847DA	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
V8JZY	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

VDVDWH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VEFZY2	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VF24CT	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
VFWJA4	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VFXNZT	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
VHV8M2	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
VHZMY2	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

VJCAJ2	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16,17	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VJCJ67	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VKH6UR	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
VN27PD	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VNPRR9	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
VQ8L7H	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
VQJFEB	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

VQVCJF	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VTYKKF	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VUPJYE	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VUXMMP	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WQ7GG	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	-	-	18,25	7,8	8,12
	15,16	10	-	-	2	
VWV9Y3	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
VWXWGF	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

W26P9Q	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
W2WAC4	GlobalFiler™					
	14,16.3	19,21	[10],[11]	16	[8],10	
3	[7],[10]	13,14	13	15,[21]	13,14	9,[11]
	[15],17	[12],12.2	[27],[31]	15,16	X,Y	10,12
	[23],[24]			18,25	7,8	8,12
	[15],16	10			2	
W3JBKD	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	14,16.3	19,21	10,11	16	8,10	11,19
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
W4VY6D	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
W6CVWD	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
W9PVT4	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16,17	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WBFBL4	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

WCUZLV	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WDFEN8	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WEYX7J	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WGGE8D	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WHVMC8	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WKFP4C	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
WUXBTM	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

WV4ZTB	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
WYNMUB	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
X4UDGV	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
X6RBHW	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
X7ZQ6P	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
X8GFFA	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
XAZ22P	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

XDJ2EJ	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XGHC9X	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XGZGFD	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
XJB9WR	Identifiler®, PowerPlex® Fusion 6C, GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16	2	
XJMZPA	Identifiler®, GlobalFiler™, NGM					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XMPUG2	GlobalFiler™, Argus X, MiniFiler					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XTFB2P	PowerPlex® Fusion (TrueAllele)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				

TABLE 2

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

Item 3 - STR Results

XTNPRK	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XVY9DB	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XYFQGD	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
XZT8MZ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
Y2EBVX	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
Y4BEQW	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
Y4WREA	GlobalFiler™ (STRmix)					
	13,14,15.3,16.3	18,19,20,21	9,10,11	15,16	8,9,10	
3	7,9,10	12,13,14	12,13	14,15,20,21	12,13,14	8,9,10,11
	14,15,16,17	11,11.2,12,12.2	27,30,31	14,15,16,17	X,Y	9,10,11,12
	22,23,24,25			17,17.2,18,24,25	6,7,8	8,12
	14,15,16	9,10			2	

TABLE 2

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

Item 3 - STR Results

Y8R6ZV	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YAB7X3	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
YCE2EJ	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YDTQHW	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YEKL7Q	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
YEUHQN	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YFKG6M	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

YGG2RL	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YH878N	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YHLHX7	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
YKVMCU	GlobalFiler™ (STRMIX)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YLQMQX	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
YRAH74	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
YTL8K9	GlobalFiler™ (STRmix V2.4.06)					
	14,16.3	19,21	10,11	16,16	8,10	NT
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	NT	NT	18,25	7,8	8,12
	15,16	10	NT	NT	2	

TABLE 2

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

Item 3 - STR Results

YWQQU3	PowerPlex® Fusion					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
YZ4QQU	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
YZD6TW	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
Z37XK7	PowerPlex® Fusion, MiniFiler					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	10				
Z39GRH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
Z6AT4A	GlobalFiler™ PCR Amplification Kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZB3NC9	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3 - STR Results

ZCDQX8	Identifiler® Plus					
		19,21		16,16	8,10	
3	7,10	13,14			13,14	9,11
	15,17	12,12.2	27,31		X,Y	10,12
	23,24				7,8	8,12
	15,16					
ZFY9FR	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ZGTYL8	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZHBF3X	Investigator® 24plex QS (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
ZJHUA4	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ZJVWWY	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZKDDDQ	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

ZM6A3K	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZMKVCL	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZN9WUQ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ZNN2NH	GlobalFiler™					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZNP36A	GlobalFiler™ PCR Amplification kit					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZQ2RRJ	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ZRTP6T	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3		13,14	13	15,21	13,14	9,11
	15,17	12	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3 - STR Results

ZRZ4ZL	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
ZVMJ3U	PowerPlex® Fusion 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
ZWJ4PU	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	

TABLE 2

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

Item 3e - STR Results

4U7JHW	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3e	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
66EV24	NGM SElect					
	14,16.3	19,21	10,11	16,16		
3e		13,14	13,13	15,21		9,11
	15,17	12,12.2	27,31	15,16	X,Y	
	23,24			18,25	7,8	
	15,16					
8863NG	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
8CVZX2	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
DCVX23	PowerPlex® Fusion (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3e	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	INC				
E9UHFD	GlobalFiler™					
	NT	NT	NT	NT	NT	
3e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
EDML7W	PowerPlex® Fusion 6C					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		

TABLE 2

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

Item 3e - STR Results

GC2B6Q	GlobalFiler™ (STRmix)					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
H9TQA2	Investigator® 24plex QS					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10				
HDWVCQ	GlobalFiler™					
	NT	NT	NT	NT	NT	
3e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
MVTNPH	PowerPlex® Fusion 6C, Investigator® 26plex (CODIS)					
	14,16.3	19,21	10,11	16,16	8,10	11,19
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
N9KVV4	PowerPlex® 6C (STRmix)					
	14,16.3	19,21	10,11	16	8,10	
3e	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13	18,25	7,8	8,12
	15,16	10	19	16		
NF7VEG	GlobalFiler™					
	14,16.3	19,21	10,11	16,16	8,10	
3e	7,10	13,14	13,13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24			18,25	7,8	8,12
	15,16	10			2	
W2EH4J	PowerPlex® Fusion 5C					
	14,16.3	19,21	10,11	16	8,10	
3e	7,10	13,14	13	15,21	13,14	9,11
	15,17	12,12.2	27,31	15,16	X,Y	10,12
	23,24	2.2,12	8,13		7,8	8,12
	15,16	INC				

TABLE 2

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

Item 3e - STR Results

YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
3e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

TABLE 2

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

Item 3sp - STR Results

4U7JHW PowerPlex® 6C (STRmix)

3sp

66EV24 NGM SElect

3sp

8863NG GlobalFiler™

3sp

	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR
	NR			NR	NR	NR
	NR	NR			NR	

8CVZX2 GlobalFiler™ (STRmix)

3sp

DCVX23 PowerPlex® Fusion (STRmix)

3sp

E9UHFD GlobalFiler™

3sp

	NT	NT	NT	NT	NT	
	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

EDML7W PowerPlex® Fusion 6C

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 3sp - STR Results

GC2B6Q GlobalFiler™ (STRmix)

3sp	[Redacted]					
	[Redacted]					

H9TQA2 Investigator® 24plex QS

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

HDWQC GlobalFiler™

	NT	NT	NT	NT	NT	
3sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

MVTNPH PowerPlex® Fusion 6C, Investigator® 26plex (CODIS)

3sp	[Redacted]					
	[Redacted]					

N9KVV4 PowerPlex® 6C (STRmix)

3sp	[Redacted]					
	[Redacted]					

NF7VEG GlobalFiler™

3sp	[Redacted]					
	[Redacted]					

W2EH4J PowerPlex® Fusion 5C

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

YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
3sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

TABLE 2

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

Item 4 - STR Results

43X2W6	GlobalFiler™					
4	[REDACTED]					
4ZRKEZ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
7P8TEF	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
8GJPAY	ID+					
		21,23,25		15,16,17	10,11	
4	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
8Y64XN	Investigator® 24plex QS					
	14,15,[18.3]	21,[23],25	11,[14]	16,17	10,11	
4	8,[11]	13,14	12,[13],16	18,19,[24]	[8],12,[13]	10,11,[13]
	[14],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,17	X	[10],11,12,[14]
	20,21,[22]			17,[21],28.2	7,[8],9	6,[8],9,[11]
	[17],18	[11]				
94ET2F	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
B7UZ3N	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4 - STR Results

C7LHHV	ID+		21,23,25	15,16,17	10,11	
4		8,11	12,13,14		8,12,13	10,11,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	X,Y	10,11,12,14
		19,20,21,22			7,8,9	6,8,9,11
		17,18				
GLLQPK	PowerPlex® Fusion 5C					
		14,15,18.3	21,23,25	11,14	15,16,17	10,11
4		8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y
		19,20,21,22	7,11,12,13	7,8,12	7,8,9	6,8,9,11
		17,18	11			
HWZACN	GlobalFiler™					
		14,15,18.3	21,23,25	11,14	15,16,17	10,11
4		8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y
		19,20,21,22		17,21,28.2,29.2	7,8,9	6,8,9,11
		17,18	11		2	
M6FDVJ	Identifiler® Plus					
			21,23,25	15,16,17	10,11	
4		8,11	12,13,14		8,12,13	10,11,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	X,Y	10,11,12,14
		19,20,21,22			7,8,9	6,8,9,11
		17,18				
MD9WQJ	GlobalFiler™					
		14,15,18.3	21,23,25	11,14	15,16,17	10,11
4		8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y
		19,20,21,22		17,21,28.2,29.2	7,8,9	6,8,9,11
		17,18	11		2	
Q64ABF	Identifiler® Plus					
			21,23,25	15,16,17	10,11	
4		8,11	12,13,14		8,12,13	10,11,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	X,Y	10,11,12,14
		19,20,21,22			7,8,9	6,8,9,11
		17,18				
QJNPEE	Identifiler® Plus					
			21,23,25	15,16,17	10,11	
4		8,11	12,13,14		8,12,13	10,11,13
		14,15,16,18	11,13,14,15	28,30,32.2,35	X,Y	10,11,12,14
		19,20,21,22			7,8,9	6,8,9,11
		17,18				

TABLE 2

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

Item 4 - STR Results

QMNZAE	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
RT9FEC	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TL6HKE	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
TQGGZD	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
V7HC2A	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WDFEN8	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9
	17,18	11			2	
XJMZPA	Identifiler®, GlobalFiler™, NGM					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4 - STR Results

Z37XK7	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
Z6AT4A	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZCDQX8	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					

TABLE 2

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

Item 4e - STR Results

22V7PU	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
279E4Y	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
284PMM	PowerPlex® Fusion 5C (STRmix)					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,24	[8],12,[13]	10,11,[13]
	14,15,16,18	11,13,[14],[15]	[28],[30],32.2,35	11,15,16,17	X,[Y]	10,11,12,14
	[19],[20,21],[22]	7,11,12,13	[7],8,12		7,8,9	6,[8],9,[11]
	17,18	[11]				
2A99LX	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,14,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,20.2,21,22,28.2,29.2	7,8,9	6,8,9,11
	17,18,19	11			2	
2BKWBM	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19	8,12,13	10,11,13
	14,15,16,18	11,13,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,9	6,9,11
	17,18	11				
2CF676	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,13,14	14,15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,23,24	8,11,12,13	9,10,11,12,13
	13,14,15,16,17,18	11,12,13,14,15	28,29,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,13,14
	18,19,20,21,22			16,16.2,17,20,21,27.2,28.2,29.2	7,8,9,9.3	6,8,9,11
	16,17,18	10,11			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 4e - STR Results

2DQF2K	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32,2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
2FXW9E	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2G7EF3	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
2L32CC	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	11,12,13,14,15	28,30,31.2,32.2,34,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			16,17,21,27.2,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2LGZ6W	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,17,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			15,17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2MPBV9	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2NE9QL	GlobalFiler™					
	14,15	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19	8,12,13	10,11
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	11,12
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,9
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

2RDKLL	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2TK7TX	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,[21],28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2V4YV3	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,9,11
	17,18	11			2	
2V6JKU	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
2ZTLFA	GlobalFiler™ (STRmix 2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	-
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	-	-	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	-	-	2	
33FMY3	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
343BV9	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

36M279	GlobalFiler™					
	14,15	21,{23},25	11,14	{15},16,17	10,{11}	
4e	8,11	12,13,14	12,{13},16	18,19,{24}	12,13	10,11,{13}
	{14},{15},16,18	11,13,{14},{15}	{28},32.2,35	11,16,17	X,{Y}	{10},11,12
	{19},20,21,{22}			17,{21},28.2	7,{8},9	6,{8},9,{11}
	17,18	{11}			{2}	
36QKCK	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
38UBKK	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
3C84H6	PowerPlex® 21 (STRMix)					
	14,15,18.3	21,23,25		15,16,17	10,11	13,14,17
4e	8,11	12,13,14		18,19	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12
	19,20,21,22	7,11,12	8,12		7,8,9	6,9,11
	17,18					
3CMCKE	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
3DQ8R4	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
3EF9A9	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

3H2C8A	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
3L2ZWR	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21			17,[21],28.2,29.2	7,[8],9	6,8,9,[11]
	17,18	11			2	
3LB7ZG	PowerPlex® Fusion (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	8,12		7,8,9	6,8,9,11
	17,18	11				
3LDQWW	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
3NQWBP	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
3PW398	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
3QAKLL	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

3QBG6F	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
3UP3PN	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
3UVTWB	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
3XU8HF	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,[13]	10,11,[13]
	14,[15],16,18	11,13,14,[15]	28,[30],32.2,35	[11],16,17	X,[Y]	[10],11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	11			2	
3XUKCH	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	14,15,16,18	11,13,14,15	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,8,9,11
	[17],18	11			2	
4296P3	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
43D3WL	PowerPlex® Fusion 6C (STRmix v 2.8)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

478N4G	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
4793N2	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
48MMGC	Investigator® 24plex IQS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
4A48RD	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,[14],15	[28],30,32.2,35	11,16,17	X,[Y]	10,11,12,[14]
	19,20,21,22			17,21,28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
4B96YW	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
4E8JLM	GlobalFiler™ (Str Mix)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,9	6,[8],9,[11]
	[17],18	11			2	
4GYATP	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	

TABLE 2

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

Item 4e - STR Results

4KCM8E	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	NSD
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	NSD	NSD	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	NSD	NSD	2	
4LMCP6	GlobalFiler™ (STRmix)					
	14,15,18.3	20,21,22,23,24,25	10,11,11.3,12,13,14	14,15,16,17	9,10,11,12	
4e	7,8,10,11,13	11,12,13,14	11,12,13,15,16	17,18,18.3,19,23,24	8,11,12,13,14	9,10,11,12,13
	12,14,15,16,17,18	10,11,12,13,14,15	27,28,29,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	9,10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	11			2	
4LU9GF	PowerPlex® Fusion 6C					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	17	18		
4M4JW9	PowerPlex® 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
4PUK3W	GlobalFiler™ (STRmix version 2.7.0)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
4QNB9B	Identifiler®					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
4THWCL	PowerPlex® Fusion 5C (STRmix)					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,24	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	28,30,32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	17,18	[11]				

TABLE 2

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

Item 4e - STR Results

4TPCBT	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
4U7JHW	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
4WE8YQ	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	[11,16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
4ZFNKF	Investigator® 24plex QS, 24FlexPlex					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	N/A
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	N/A	N/A	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	N/A	N/A	N/A	
648FTC	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
64A2JP	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
66EV24	NGM SElect					
	14,15,18.3	21,23,25	11,14	15,16,17		
4e		12,13,14	12,13,16	18,19,23,24		10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	
	19,20,21,22			17,21,28.2,29.2	7,8,9	
	17,18					

TABLE 2

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

Item 4e - STR Results

6DH26P	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
6EPJ4L	PowerPlex® Fusion 6C (STRmix)					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	INC	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	17	18		
6JZ8DD	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
6MKUED	PowerPlex® Fusion (STRmix™)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
6NRALJ	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
6PAQ3B	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],15,16,18	11,13,14,[15]	[28,30],32.2,35	[11,16],17	X,[Y]	[10],11,12,[14]
	19,20,21,22			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
6R2MR6	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

6RGDUG	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
6TNXZ7	GlobalFiler™					
	14,15,18.3	[21],23,[25]	[11],14	15,16,[17]	[10],11	
4e	8,[11]	12,[13],[14]	[12],13,[16]	[18],18.3,[19],24	8,12,13	10,[11],13
	14,15,[16],[18]	11,13,14,15	28,30,32.2,35	11,16,17	X,[Y]	10,[11],[12],14
	19,20,21,22			17,21,28.2,29.2	7,8,[9]	6,8,9,11
	17,[18]	11			2	
6WP2UD	PowerPlex® Fusion					
	14,15	21,23,25	11,14	16,17	10,11	
4e	8	12,13,14	12,13,16	18,18.3,19	8,12	10,11,13
	14,15,16,18	11,13,14	28,30,32.2,35	15,17	X,Y	11,12,14
	19,20,21,22	7,11,12	8,12		7,9	6,8,9,11
	17,18	11				
6WRW23	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17			
6XJR9Q	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
73CJ8R	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
746ZCG	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,14,[15]	[28],[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2	7,8,9	6,[8],9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

74ZNFM	PowerPlex® Fusion 6C (STRMix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
76DCGE	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
77DKAB	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
78NYQC	PowerPlex® Fusion, 21, VERIFILER Express, VERIFILER Plus					
	14,15	21,25	11,11	16,17	10,11	14,17
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
7D7EX4	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
7EJYPE	Investigator® 24plex IQS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
7EXL22	VeriFiler Plus					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	[13],14,17
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	7,8,12		7,[8],9	6,[8],9,[11]
	[17],18				[2]	

TABLE 2

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

7HYPTN	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
7R7DKZ	GlobalFiler™ (STRmix v2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
7ULX4F	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
7UWNPZ	GlobalFiler™ (STRmix)					
	14,15,18.3,Q	20,21,23,25,Q	10,11,14,Q	15,16,17,Q	10,11,Q	
4e	8,11,Q	12,13,14,Q	12,13,16,Q	18,18.3,19,24,Q	8,12,13,Q	10,11,13,Q
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,Q	X,Y	10,11,12,14,Q
	19,20,21,22			17,21,27.2,28.2,29.2,Q	7,8,9,Q	6,8,9,11,Q
	17,18,Q	11			2	
7V28H3	GlobalFiler™ (STRmix 2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
7VK28H	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
7W6KMA	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

7WK4WM	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
7XYYZ7	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,13,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	10,11,12,13,14,15	28,29,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,14
	19,20,21,22			16,16.2,17,20,21,27.2,28,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	11			2	
7ZGF72	GlobalFiler™ (STRmix version 2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
847P4C	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
8863NG	GlobalFiler™					
	12,14,15,16,18.3	21,23,25	11,14	15,16,17	10,11,12	
4e	8,10,11,12	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,13,14
	19,20,21,22			17,18,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
8AMX26	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
8CENQF	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18	11				

TABLE 2

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

Item 4e - STR Results

8CGH6F	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
8CVZX2	GlobalFiler™ (STRmix)					
	13,14,15,18.3,Q	20,21,23,24,25,Q	10,11,14	15,16,17,Q	10,11,Q	
4e	7,8,11,Q	12,13,14,Q	12,13,15,16,Q	18,18.3,19,24,Q	8,12,13,Q	10,11,13,Q
	14,15,16,18	11,13,14,15,Q	28,30,31.2,32.2,35	11,16,17,Q	X,Y	10,11,12,14,Q
	19,20,21,22			16,17,21,27.2,28.2,29.2,Q	7,8,9,Q	6,8,9,11,Q
	17,18,Q	11			2	
8CYWN4	GlobalFiler™					
	14,15	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,19	[8],12,[13]	10,11,[13]
	16,18	11,13	32.2,35	[11],[16],17	X,[Y]	[10],11,12
	[19],20,21			17,28.2	7,[8],9	6,9
	[17],18	[11]			[2]	
8D7PC8	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21				7,8,9	6,8,9,11
	17,18					
8DHNA2	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
8KRKQF	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
8LG7ND	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

8NB6K4	PowerPlex® Fusion 6C					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,17	X,[Y]	[10],11,12,[14]
	20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]	[17]	[18]		
8NPTNF	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
8PL773	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
8TMAZA	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,[13]	10,11,[13]
	14,15,16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	19,20,21,22			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
8UT7HP	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11
	15,16,18	11,13	28,30,32.2,35	11,16,17	X,Y	10,11,12
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,9
	17,18				2	
8ZJFRM	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
8ZKCCG	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,13	8,12		7,8,9	6,8,9,11
	17,18	11				

TABLE 2

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

Item 4e - STR Results

8ZPRNH	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11
	[14],[15],16,18	11,13,[14]	32.2,35	15,17	X,[Y]	[10],11,12
	[19],20,21,[22]	7,11,[12]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18					
93NUZG	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
97P46R	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
98AKW9	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
98XBA7	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
9A2GL3	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
9CDJX6	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,14	14,15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	10,11,12,13,14,15	27,28,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,14
	19,20,21,22			16,16.2,17,20,21,27.2,28,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

9FC2VW	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
9G2XZE	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
9K9LZG	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	--	--	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	--	--	2	
9LTATP	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
9NMLW9	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
9PUBV8	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
9QL8K2	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

9RGTDR	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
9UUPA2	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
9WUQKF	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
9Y7X9K	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
9YERF2	Identifiler® + (Plus)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21				7,8,9	6,8,9,11
	17,18					
A3MWCL	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12	10,11,[13]
	[14],15,16,18	11,13,[14],[15]	[28],30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
A4FDG9	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,[29.2]	7,8,9	6,8,9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

A6MTNE	GlobalFiler™					
	14,15,18.3	21,23,24,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
A72HWV	Identifiler® Plus (STRmix v.2.7.0)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,32.2,35		X,Y	10,11,12
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
A7CU4Y	ESI17					
	14,15,(18.3)	21,(23),25	11,11,(14)	16,17		
4e		(12),13,14	12,(13),16	18,19,(24)		10,11,(13)
	(14,15),16,18	11,13,(14,15)	(28,30),32.2,35	15,17 (11,16)	X,X,(Y)	
	(19),20,21,(22)			17,(21),28.2,(29.2)	7,(8),9	
	(17),18,18					
A8QWED	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
ABZ4UB	PowerPlex® Fusion (TrueAllele)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
ADKKW9	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,[14],[15]	[28],30,32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
ADKXPQ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

AENTXA	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AFMVZJ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12	10,11,[13]
	[14],16,18	11,13,[15]	28,30,32.2,35	11,16,17	X,[Y]	10,11,12,[14]
	20,21			17,21,28.2	7,[8],9	6,[8],9,[11]
	17,18	[11]			[2]	
AHTDYE	PowerPlex® Fusion 5C (STRmix)					
	14,15,[18.3]	21,23,25	11,[14]	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	14,15,16,18	11,13,[14],[15]	28,30,32.2,35	11,15,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	17,18	[11]				
AKE389	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	14,15,16,18	11,13,[14,15]	28,30,32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	[11]			[2]	
ANRZEV	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AP8AH4	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
AQAR8C	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

AQQDNL	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ARJUUA	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AUQPKL	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AUXJR2	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AV6NNP	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	15,16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,[18.3],19,[24]	[8],12	10,11,[13]
	[14],15,16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],16,17	X,[Y]	10,11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	[11]			[2]	
AWAA4R	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
AWBXTH	GlobalFiler™ (STRMIX)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

AYKLAC	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
AYY6TA	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
AZ6CLX	GlobalFiler™ (STRmix 2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
B3F6XB	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
B3G397	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
B3Y96B	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	N/A
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	N/A	N/A	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	N/A	N/A	N/A	
B4VWYL	Investigator® 24plex QS (STRmix)					
	14,15,18.3	20,21,23,24,25	11,14	15,16,17	10,11	
4e	8,11,Q	12,13,14,Q	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				

TABLE 2

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

Item 4e - STR Results

B7FFTB	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
B7XHAZ	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
B89WWC	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BAU2DJ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,22,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,23,24	8,9,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,33.2,35	11,12,16,17	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BAUBYN	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BCWAAG	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
BDAJMN	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,13**,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

BGJYHD	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BL3Y8L	PowerPlex® Fusion 5C					
	14,15	21,23,25	11,11	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	12,13	10,11,13
	14,16,18	11,13	28,32.2,35	15,16,17	X,Y	11,12,14
	20,21,22	7,11,12	8,12		7,8,9	6,8,9
	17,18					
BM4L7B	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BN9JX8	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
BNZ8TA	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BNZR94	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BRETCJ	GlobalFiler™ (STRMix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	27,28,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

BX8A6F	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BYHBTZ	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
BZN8BE	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
C3PU39	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
C6LEER	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	10,11	17	17,18		
C78UG4	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
C933RW	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

CC2DNW	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
CE4R8D	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
CG3CMW	GlobalFiler™ (STRmix)					
	13,14,15,16,17.3,18.3	20,21,22,23,24,25	10,11,13,14	14,15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,12,13
	14,15,16,17,18	10,11,12,13,14,15	27,28,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,13,14
	18,19,20,21,22			16,16.2,17,20,21,27.2,28,28.2,29.2	6,7,8,9	6,8,9,11
	16,17,18	11			2	
CJZFXH	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
CKAK39	PowerPlex® Fusion 6C (STRMix v.2.8)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
CMYKNJ	PowerPlex® Fusion 6C					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	17	18		

TABLE 2

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

Item 4e - STR Results

CMYTHM	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	ND	ND	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	ND	ND	2	
CRE27L	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
CT9HAN	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
CUGMPX	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
CVHU8C	PowerPlex® Fusion (TrueAllele)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
CVUMQV	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13,Q
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,Q	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	6,7,8,9	6,8,9,11
	17,18	11			2	
CYPH8A	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

D37A6F	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
D3BMRB	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],[9]	6,[8],9,[11]
	[17],18	11				
D4DMBX	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
D6X7T9	Investigator® 24plex QS					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	n/a
4e	8,[11]	12,13,14	12,13,16	18,19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	n/a	n/a	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	n/a	n/a	n/a	
D788MW	GlobalFiler™ (STR-MIX)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
D7B743	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,[15],16,18	11,13,14,[15]	28,[30],32.2,35	[11],16,17	X,[Y]	[10],11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
D7LTYJ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,12,13
	14,15,16,18	11,13,14,15	27,28,29,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

D7U9B4	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,[15]	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,11
	17,18	11			2	
D9AA87	PowerPlex® Fusion					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
D9DRDH	Investigator® 24plex QS (TRUEALLELE® CASEWORK SYSTEM)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
DAAGY3	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
DCVX23	PowerPlex® Fusion (STRmix)					
	14,15	21,25	11	16,17	10,11	
4e	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	INC				
DENQWL	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,[8],9	6,[8],9,11
	17,18	[11]			2	
DFCE3W	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

DHDD9V	GlobalFiler™ (STRmix)					
	13,14,15,16,18.3	20,21,22,23,24,25	10,11,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	10,11,12,13,14,15	28,30,31.2,32.2,34,35	11,16,17,18	X,Y	10,11,12,14
	19,20,21,22			16,17,20,21,27.2,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	11			2	
DQPMHA	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
DTPQZ4	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,[14],[15]	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,[22]			17,[21],28.2,29.2	7,[8],9	6,[8],9,[11]
	17,18	11			2	
DU8UXW	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
DUNYEA	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
DUYZNU	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
DXWG3A	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

DY6739	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
DYJTDW	PowerPlex® Fusion 6C, SigPrep - Primer Set B (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
E28J38	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
E83J2F	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
E8H6BG	Investigator® 24plex QS (STRmix)					
	13,14,15,18.3	20,21,23,25	11,14,Q	15,16,17	9,10,11	
4e	8,11,Q	12,13,14,Q	12,13,16	18,18.3,19,24	8,12,13	9,10,11,12,13
	14,15,16,17,18	11,12,13,14,15	28,30,32.2,35	11,14,15,16,17,18	X,Y	10,11,12,14
	19,20,21,22,Q			16,17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
E8YYCR	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
E9A2ZB	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

E9RBXF	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
E9RJRH	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	ND
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22	ND	ND	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	ND	ND	2	
E9UHFD	GlobalFiler™					
	NT	NT	NT	NT	NT	
4e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
EAX67K	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
EBRVCY	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
EC9PD9	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ED4XP3	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

EDML7W	PowerPlex® Fusion 6C					
	14,15	21,[23],25	11,[14]	16,17	10,11	
4e	8,[11]	13,14	12,[13],16	18,19,[24]	[8],12	10,11,[13]
	[14],16,18	11,13,[15]	[28],[30],32.2,35	15,17	X,[Y]	11,12
	20,21,[22]	7,11,[12],[13]	8,12	17,28.2	7,9	6,9
	18	[11]	[17]	[18]		
EFAT8G	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
EFLPAZ	GlobalFiler™					
	14,15	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,8	[12],[13],14	12,[13],16	18,19	[8],12,[13]	10,11
	[15],16,18	11,13,[14],[15]	[28],32.2,35	[16],17	X,X	11,12
	20,21,[22]			17,[28.2]	7,9	6,[8],9
	[17],18	NR			2	
EJ98RK	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
EK3XXZ	Identifiler® Plus					
		21,25		(15),16,17	10,11	
4e	8,8	(12),13,14			12,12,(13)	10,11,(13)
	16,18	11,13	(28),(30),32.2,35		X,X	(10),11,12,(14)
	20,21				7,(8),9	6,9
	(17),18,18					
ELJ9P4	GlobalFiler™ (BP Sentry)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ENYU9C	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

EPLEG9	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
EPYBKR	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	10,11	17	18		
EQWQ7K	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,[30],32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
EXNEHQ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
EXRWP3	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,24	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	28,30,32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	[17],18	[11]			[2]	
EYXEMX	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
F2M3V3	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	-
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12
	19,20,21,22	-	-	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	-	-	2	

TABLE 2

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

Item 4e - STR Results

F2PNJK	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
F2ZLJV	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,13,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18,19					
F63NFC	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
F6MDPH	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
F8DFXQ	PowerPlex® Fusion 5C					
	14,15	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19	8,12	10,11,13
	14,15,16,18	11,13	30,32.2,35	11,15,17	X,Y	10,11,12
	20,21	7,11,12,13	7,8,12		7,9	6,9
	17,18					
F977RL	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
FBJ7DY	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

FBUVXK	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,13,14
	19,20,21,22			17,21,26.2,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
FBY2PE	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
FET7UK	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11,12	
4e	8,11	12,13,14	12,13,14,16	18,18.3,19,24	8,12,13,14	10,11,13
	14,15,16,18	11,13,14,15	28,29.2,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9,9.3	6,8,9,11
	17,18	11			2	
FEY9BC	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,[26.2],28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
FFRTNF	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
FGKAU6	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
FHWPN7	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

FKXVP7	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,[13],14
	19,20,21,22	7,[9],11,12,13	7,8,12	17,[20],21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
FL86FH	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	14,15,16,17	10,11	
4e	8,11,13	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
FNX4UG	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
FR3XLH	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
FYFNED	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
G2MFRC	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
G3NNNA	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

G79FYC	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
GC2B6Q	GlobalFiler™ (STRmix)					
	14,15,18.3	20,21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13,Q
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GC6276	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GFF9DD	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,23,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	9,10,11,12,13,14
	19,20,21,22			17,20,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11,12			2	
GFK2A6	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GGTMY2	PowerPlex® Fusion (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
GH7H2K	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,15	28,30,32.2,35	11,15,16,17	X	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				

TABLE 2

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

Item 4e - STR Results

GHCXY	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GJKD76	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GNWRL3	PowerPlex® 21					
	14,15	21,25		16,17	10,11	14,17
4e	8,8	13,14		18,19	12,12	10,11
	16,18	11,13	32.2,35		X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
GRCE7C	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
GX8U84	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18	11		18		
H6JXHF	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,13	10,11,[13]
	14,15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,[22]			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
H82RV4	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

H9TQA2	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
HA8ZEW	VERSAPLEX 27 PY					
	14,15	21,25	11,11	16,17	10,11	14,17
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12		7,9	6,9
	18,18					
HDF6BG	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	ND	ND	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	ND	ND	2	
HE84PE	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,[21],28.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
HEJ2JZ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
HFVQVP	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
HLGQ3P	VeriFiler Plus					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	13,14,17
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18				2	

TABLE 2

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

HPTTET	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	12	10,11,13
	15,16,18	11,13,14,15	28,32.2,35	11,16,17	X,Y	10,11,12
	20,21			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
HTJTDH	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
HWYRB	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
HWNVG4	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	[28],30,32.2,35	[11],16,17	X,Y	[10],11,12,14
	19,20,21,22			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
HXWG62	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
J77YYN	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
J8MVRM	GlobalFiler™ (STRmix 2.8)					
	13,14,15,17.3,18.3	20,21,22,23,24,25	10,11,13,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,23,24	8,11,12,13	9,10,11,13
	13,14,15,16,17,18	11,12,13,14,15	28,29,30,31.2,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			16,17,20,21,27.2,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	10,11			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 4e - STR Results

J9PJKE	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
JBC3LC	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
JBGHYD	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
JBL8MM	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,14	14,15,16,17	9,10,11,12	
4e	7,8,11	11,12,13,14	11,12,13,15,16	18,18.3,19,24	8,11,12,13,14	9,10,11,13
	14,15,16,17,18	11,13,14,15	27,28,29,30,31.2,32.2,35	11,16,17	X,Y	10,11,12,13,14
	19,20,21,22			16,17,21,27.2,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	10,11			2	
JCRGV8	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
JDQU6X	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	[28],30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,[29.2]	7,8,9	6,8,9,[11]
	17,18	11			2	
JJZBDL	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

JK9RRG	PowerPlex® Fusion 6C (STRMix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
JLZWBE	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2	7,[8],9	6,8,9,11
	17,18	11			2	
JMTPWY	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
JTETQM	GlobalFiler™ Express (GENE MAPPER)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,9,11
	17,18	11			2	
JUHR7T	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	[11]			[2]	
JUXJ96	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18	11				
JVU4V6	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,8	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,15	30,32.2,35	15,16,17	X,Y	10,11,12
	20,21,22	7,11,12,13	7,8,12		7,8,9	6,9
	17,18	11				

TABLE 2

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

Item 4e - STR Results

JX9PFD	GlobalFiler™ (STRmix)					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[12],[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	11,16,17,18	X,[Y]	[10],11,12,[13],[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	10,11			2	
JXV2EL	PowerPlex® 21 (STRmix)					
	14,15,18.3	21,23,25		15,16,17	10,11	11,13,14,17
4e	8,11	12,13,14		18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18					
JZ4PUF	GlobalFiler™ (STRMIX)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
K7E4NT	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
KAZL7D	GlobalFiler™ (STRmix)					
	14,15,16,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,31.2,32.2,33.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18,19	11			2	
KF6GRY	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
KFB7G9	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	[11]			[2]	

TABLE 2

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

Item 4e - STR Results

KFVEEY	GlobalFiler™					
	14,15	21,25	11	16,17	10,11	
4e	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	17	X,X	11,12
	20,21			17,28,2	7,9	6,9
	18	NM			NM	
KJBZY8	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32,2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
KMACU8	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32,2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
KMVU67	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,[24]	8,12	10,11,[13]
	[14],15,16,18	11,13,[15]	28,30,32,2,35	11,16,17	X,Y	10,11,12,[14]
	20,21,22			17,21,28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	[11]			2	
KPZUDW	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,15	28,30,32,2,35	[11],16,17	X,[Y]	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
KQ4H63	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32,2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
KQTN9F	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32,2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

KTGRQ9	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,[13]
	14,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	[11]			2	
KTUGJ2	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
KV9MF3	Investigator® 24plex QS					
	14,15,[18.3]	21,[23],[25]	11,[14]	[15],16,17	[10],11	N/A
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	N/A	N/A	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	N/A	N/A	N/A	
KX9YZH	PowerPlex® Fusion (TrueAllele)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	15,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,9
	17,18					
KYN9YB	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
L3XVZT	GlobalFiler™					
	14,15,(18.3)	21,(23),25	11,(14)	(15),16,17	10,11	
4e	8,(11)	(12),13,14	12,13,16	18,19	(8),12,(13)	10,11,(13)
	(14),(15),16,18	11,13,(14),(15)	(28),(30),32.2,35	(11),(16),17	X,(Y)	(10),11,12
	(19),20,21,(22)			17,(21),28.2	7,(8),9	6,(8),9,(11)
	(17),18	11			2	
L8AW8H	Identifiler® Plus (STRmix version 2.7.0)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					

TABLE 2

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

Item 4e - STR Results

L93UD4	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LCAHD7	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LDXLJF	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LEPUJJ	GlobalFiler™ (STRmix V2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LERCPU	Investigator® 24plex IQS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
LHN6EJ	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LJBWZT	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				

TABLE 2

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

Item 4e - STR Results

LMQ6NT	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LPQ6Z7	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
LQH2PZ	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
LRLVU6	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
LRWLFP	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9
	17,18	11			2	
LRYP9J	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
LXN62W	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,[15]	28,[30],32.2,35	11,16,17	X,Y	[10],11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

LYY8MV	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
M2Z68J	Investigator® 24plex (STRmix)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],[9]	6,[8],9,[11]
	[17],18	11				
M68VXC	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
M7JYLV	GlobalFiler™ (BulletProof Sentry)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
M7L4EJ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
M8T4YJ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
MBCQKW	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,[15]	[28],30,32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

MGBQQA	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
MHCHZ2	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,16,18	11,13,14,15	28,30,32.2,35	15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,9	6,8,9
	17,18	11				
MHRA2B	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,11
	17,18	11			2	
MJ2RYH	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
MJJZXW	GlobalFiler™					
	[14],15,[18.3]	21,23,25	11,14	15,16,17	[10],11	
4e	8,[11]	12,13,14	[12],13,[16]	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,[Y]	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,[8],[9]	6,8,9,11
	17,18	11			2	
MKBWC8	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
MKR2U6	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

MLK4BT	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
MNC3PR	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11			2	
MNY9LW	Investigator® 24plex QS, FlexPlex27TM					
	14,15,(18.3)	21,(23),25	11,(14)	(15),16,17	10,11	N/A
4e	8,(11)	(12),13,14	12,(13),16	18,(18.3),19,(24)	(8),12,(13)	10,11,(13)
	(14),(15),16,18	11,13,(14),(15)	(28),(30),32.2,35	(11),15,(16),17	X,Y	(10),11,12,(14)
	(19),20,21,(22)	N/A	N/A	17,(21),28.2,(29.2)	7,(8),9	6,(8),9,(11)
	(17),18	11	N/A	N/A	N/A	
MRVK92	GlobalFiler™					
	14,15,18.3	17,21,23,25	10,11,13,14	15,16,17,18	10,11,12	
4e	8,11	12,13,14	12,13,16	15,18,18.3,19,20,24	8,9,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22,24,25			17,20,21,28.2,29.2,30.2	7,8,9	6,8,9,11
	16,17,18	11			2	
MVTNPH	PowerPlex® Fusion 6C, Investigator® 26plex (CODIS)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
MVV9LY	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	20,21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
MYRTR4	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

N22PYW	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,[14,15]	28,[30],32.2,35	[11],16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
N24RXW	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
N2TDVU	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
N6HDG6	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
N7RM8G	PowerPlex® 21 (STRmix 2.8.0)					
	14,15,18.3	21,23,25		15,16,17	10,11	13,14,17
4e	8,11	12,13,14		18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18					
N9KVV4	PowerPlex® 6C (STRmix)					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	17	18		
NF7VEG	GlobalFiler™					
	14,15	21,23,25	11,14	15,16,17	10,11	
4e	8,8	12,13,14	12,13,16	18,19	8,12,13	10,11
	14,15,16,18	11,13,14	28,30,32.2,35	17,17	X,Y	11,12
	19,20,21,22			17,28.2	7,8,9	6,9
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

NF9FBW	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
NK9MVU	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18					
NKRD6E	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,16,18	11,13,15	28,30,32.2,35	15,17	X,Y	10,11,12
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,9
	17,18	11				
NPK3MA	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
NPX48K	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
NRP3LJ	Verifiler Plus					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	13,14,17
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18				2	
NRW9YX	Investigator® 24plex QS, FlexPlex 27					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	N/A
4e	8,[11]	[12],13,14	12,[13],16	18,19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	N/A	N/A	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	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 4e - STR Results

NU26XL	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
NUBPE7	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
NUYA2G	Identifiler® Plus (Genotyper 3.7)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
NXU2YU	PowerPlex® Fusion (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8	12,13,14	12,13,16	18,19	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	32.2,35	11,15,16,17	X,Y	10,11,12,14
	20,21	7,11,13	7,8,12		7,8,9	6,8,9
	17,18	11				
P2QZTJ	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13,Q
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
P3RMWA	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
P6XR3N	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,13
	[14],[15],16,18	11,13,[14],[15]	28,30,32.2,35	11,16,17	X,Y	[10],11,12,[14]
	19,20,21,22			17,[21],28.2,[29.2]	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

P779GH	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
PB2BB9	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
PFTE8V	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
PK8J7T	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,[15]	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
PT4JFE	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8	[12],13,14	12,16	18,[18.3],19	12	10,11,[13]
	[15],16,18	11,13	32.2,35	15,[16],17	X	[10],11,12
	20,21,[22]	7,11,[13]	8,12	17,28.2,[29.2]	7,9	6,9
	[17],18		[17]			
PWP2XZ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,9,11
	17,18	11			2	
PXBE9A	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,[Y]	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

PXD68U	PowerPlex® Fusion					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	15,16,17	X,Y	11,12,14
	19,20,21,22	7,11	8,12		7,8,9	6,9
	17,18					
PXFQ3A	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
PXMEVK	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
PXYH7Q	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
PZDDB6	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
PZFY8K	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
Q9Y28Y	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,11,[14]	[15],16,17	10,11	
4e	8,8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17,17	X,X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18,18	[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 4e - STR Results

QEQ92K	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QFBEPU	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QFNLK8	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QGJTEK	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QLHAQE	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QLHJ3M	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,22,23,24,25	10,11,13,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,23,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	10,11,12,13,14,15	28,29,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			16,16.2,17,20,21,27.2,28,28.2,29.2	6,7,8,9	6,8,9,11
	16,17,18	10,11			2	
QM7M9W	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

QMFVKA	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QN38VV	GlobalFiler™ (STRmix v2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QPAHRY	NGM SSelect					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17		
4e		[12],13,14	12,[13],16	18,19,[24]		10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	[11,16],17	X,[Y]	
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	
	[17],18					
QQCK2G	PowerPlex® Fusion 6C					
	14,15,[18.3]	21,[23],25	11,11,[14]	[15],16,17	10,11	
4e	8,8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18,18	[11]	[17]	[18]		
QQVJYE	PowerPlex® Fusion 6C (STRMix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
QTTH7U	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
QUCH4F	PowerPlex® Fusion 5C					
	14,15	21,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19	12,13	10,11
	14,15,16,18	11,13,15	30,32.2,35	15,17	X,X	11,12
	20,21	7,11,13	8,11,12		7,8,9	6,9
	18,18					

TABLE 2

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

QURA6Q	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,11
	17,18	11			2	
QVEJNM	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
QY2279	GlobalFiler™ (STRMIX)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11,13	12,13,14	12,13,16	18,18.3,19,23,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,22,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
QY6TM8	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
QZB7KW	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
QZHKEN	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
R27FE3	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

R4TH6J	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
R4WA6Y	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,[30],32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
R63JWK	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
R7LN32	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	14,15,16,18	11,13,[14],[15]	28,30,32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,21,28.2,29.2	7,[8],9	6,[8],9,[11]
	17,18	11			2	
R9H4PR	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
RBDM4X	Identifiler®					
		21,23,25		15,16,17	10,11	
4e	8	12,13,14			12	10,11,13
	14,15,16,18	11,13,15	30,32.2,35		X,Y	10,11,12,14
	20,21,22				7,8,9	6,8,9,11
	17,18					
RET9N7	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,29,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,22,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

RGKGDE	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
RHNYZJ	GlobalFiler™ (STRmix v2.4.06)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	-
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	-	-	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	-	-	2	
RHTGRG	GlobalFiler™ (STRmix)					
	13,14,15,18.3	20,21,23,24,25,Q	11,14	15,16,17	10,11,Q	
4e	7,8,11	12,13,14	12,13,15,16	18,18.3,19,24	8,12,13	10,11,Q
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,Q	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9,Q	6,8,9,11
	17,18,Q	11			2	
RTB2CD	Identifiler® Plus (STRMix 2.7.0)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
RTZBQR	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,Y	[10],11,12,[14]
	19,20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	11			2	
RUKTH9	GlobalFiler™ (STRMIX)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
RWH24W	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18	11				

TABLE 2

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

Item 4e - STR Results

RZBWB	GlobalFiler™ (STRmix)					
	13,14,15,17.3,18.3	20,21,22,23,24,25	10,11,13,14	15,16,17	9,10,11	
4e	7,8,11	11,12,13,14	11,12,13,15,16	17,18,18.3,19,24	8,11,12,13	9,10,11,13
	14,15,16,17,18	10,11,12,13,14,15	28,29,30,31.2,32.2,34,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			16,16.2,17,21,27.2,28.2,29.2	7,8,9	6,8,9,11
	16,17,18	11			2	
T2ZYRK	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11			2	
T3K3QP	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	[28],30,32.2,35	11,16,17	X,Y	[10],11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
T7GQ6B	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
T7X3MG	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
T8DTPT	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
T9LQE4	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

TAZDQQ	PowerPlex® Fusion 6C (TrueAllele)					
	14,15	21,25	11	16,17	10,11	
4e	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32,2,35	15,17	X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18	11	17	18		
TBBMU3	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TBNZW2	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18,19	11,13,14,15	28,29,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TDFYBY	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TEV8NR	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TK379B	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
TLQAQ4	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,19,[24]	8,12	10,11,[13]
	14,15,16,18	11,13,[14],[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,[21],28.2,29.2	7,[8],9	6,[8],9,[11]
	17,18	[11]			2	

TABLE 2

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

Item 4e - STR Results

TPNQY	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
TQ7GE3	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TTTELU	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18	11				
TUL3XC	Identifiler® Plus, 28+34 cycles (STRmix version 2.7.0)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35		X,[Y]	[10],11,12,[14]
	[19],20,21,[22]				7,[8],9	6,[8],9,[11]
	[17],18					
TW9DQT	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,15	28,30,32.2,35	[11],16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,[29.2]	7,8,9	6,[8],9,[11]
	17,18	11			2	
TY834Q	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
TYF7R2	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,[14],[15]	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

U42JVB	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
U49XQ3	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,8,9	6,[8],9,[11]
	[17],18	[11]			[2]	
U6AQZP	PowerPlex® Fusion 5C					
	14,15,17.3,18.3	21,23,25	11,14	14,15,16,17	10,11	
4e	8,11,12	11,12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	27,28,29,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,9,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18					
U6CCW6	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
U6V6N2	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
U8MZDV	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
UA6KXQ	PowerPlex® Fusion 6C (STRmix)					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					

TABLE 2

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

UB4JGY	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
UCKN32	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
UE9NAP	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,[14],15	28,[30],32.2,35	11,16,17	X,Y	[10],11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
UK6TYG	GlobalFiler™ (TrueAllele)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
UKX2BD	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,13,16	18,19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	ND			2	
UNC7XU	PowerPlex® Fusion (TrueAllele)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	12,13	10,11,12,13
	14,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
UP9QKT	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,19,[24]	[8],12,[13]	10,11
	[14],[15],16,[17],18	11,13,[14],[15]	[28],32.2,35	[11],[16],17	X,[Y]	11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11			[2]	

TABLE 2

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

Item 4e - STR Results

UR3UTF	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
URMLQ8	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
URVXUA	PowerPlex® Fusion 6C (STRMix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
UTMC63	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
UVGFCU	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,11,[14]	[15],16,17	10,11	
4e	8,8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17,17	XX,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18,18	[11]			[2]	
UWJ4BE	PowerPlex® 21					
	14,15,18.3	21,23,25		15,16,17	10,11	13,14,17
4e	8,11	12,13,14		18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18					
UWNXBQ	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	[14],15,16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],16,17	X,[Y]	[10],11,12,[14]
	20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

UXC7R2	PowerPlex® Fusion 5C					
	14,15	21,23,25	11,14	15,16,17	10,11	
4e	8,8	12,13,14	12,13,16	18,18.3,19	8,12,13	10,11,13
	14,15,16,18	11,13,14	28,30,32.2,35	15,16,17	X,Y	10,11,12
	19,20,21	7,11,12,13	7,8,12		7,8,9	6,9
	17,18					
V2BGM2	PowerPlex® Fusion 5C					
	14,15	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12	10,11,13
	14,16,18	11,13,14,15	28,30,32.2,35	15,16,17	X,Y	10,11,12,14
	20,21,22	7,11,12,13	8,12		7,8,9	6,9
	18,18	11				
V3AAMX	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
V427BR	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
V73TGD	GlobalFiler™ (STRmix v2.4.06)					
	14,15,17.3,18.3	20,21,22,23,24,25	10,11,11.3,14	14,15,16,17	9,10,11,12	-
4e	7,8,10,11,12,13	11,12,13,14	11,12,13,15,16	17,18,18.3,19,19.3,23,24	8,11,12,13,14	9,10,11,12,13
	12,14,15,16,17,18	10,11,12,13,14,15	27,28,29,30,31.2,32.2,34,35	11,15,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22,25	-	-	17,18,21,28.2,29.2	6,7,8,9,9.3	6,8,9,11
	16,17,18	11	-	-	2	
V7KXWQ	GlobalFiler™ (STRmix 2.4)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
V847DA	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14,15],16,18	11,13,[14,15]	[28,30],32.2,35	11,[16],17	X,Y	10,11,12,[14]
	[19],20,21,22			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

V8JZYY	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VDVDWH	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	11,16,17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	17,18	[11]			[2]	
VEFZY2	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VF24CT	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9
	[17],18	11				
VFWJA4	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,[11]
	17,18	11			2	
VFXNZT	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21	7,11,13	8,12		7,8,9	6,8,9
	17,18	11				
VHV8M2	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				

TABLE 2

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

Item 4e - STR Results

VHZMY2	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
VJCAJ2	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,29,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,22,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VJCJ67	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,[14]	[15],16,17	10,11,[12**]	
4e	8,[11]	12,13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	[11]			[2]	
VKH6UR	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
VN27PD	GlobalFiler™ PCR Amplification Kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VNPRR9	Investigator® 24plex QS					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
VQ8L7H	Identifiler® Plus					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					

TABLE 2

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

Item 4e - STR Results

VQJFEB	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
VQVCJF	GlobalFiler™					
	14,15,[18.3]	[21],[23],[25]	11,11,[14]	[15],16,17	[10],[11]	
4e	8,8,[11]	[12],[13],[14]	[12],[13],[16]	18,[18.3],19,[24]	[8],12,12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],[17]	X,X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18,18	[11]			[2]	
VTYKKF	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VUPJYE	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24*	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
VUXMMP	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
VWQ7GG	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	-	-	17,21,28.2	7,9	6,8,9
	17,18	11	-	-	2	
VWV9Y3	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

VWXWGF	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
W26P9Q	GlobalFiler™ (strmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
W2EH4J	PowerPlex® Fusion 5C (STRmix v. 2.7)					
	14,15	21,25	11	16,17	10,11	
4e	8	13,14	12,16	18,19	12	10,11
	16,18	11,13	32.2,35	15,17	X	11,12
	20,21	7,11	8,12		7,9	6,9
	18	INC				
W2WAC4	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
W3JBKD	PowerPlex® Fusion 6C, Signature Prep - Primer Set B (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
W4VY6D	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
W6CVWD	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

W9PVT4	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,23,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WBFBL4	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WCUZLV	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WEYX7J	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WGGE8D	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WHVMC8	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
WKFP4C	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

WUXBTM	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
WV4ZTB	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
WYNMUB	GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,11,[14]	[15],16,17	10,11	
4e	8,8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],[16],17,17	X,X,[Y]	[10],11,12,[14]
	[19],20,21,[22]			17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18,18	[11]			[2]	
X4UDGV	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
X6RBHW	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
X7ZQ6P	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,13,16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18	11				
X8GFFA	PowerPlex® Fusion 6C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

XAZ22P	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	12,13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12		7,[8],9	6,[8],9,[11]
	[17],18					
XDJ2EJ	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
XGHC9X	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
XGZGFD	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
XJB9WR	Identifiler®, PowerPlex® Fusion 6C, GlobalFiler™					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	[8],12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12],[13]	[7],8,12	17,[21],28.2,[29.2]	7,[8],9	6,[8],9,[11]
	[17],18	11	17	18	2	
XTFB2P	PowerPlex® Fusion (TrueAllele)					
	14,15,[18.3]	21,[23],25	11,[14]	[15],16,17	10,11	
4e	8,[11]	[12],13,14	12,[13],16	18,[18.3],19,[24]	12,[13]	10,11,[13]
	[14],[15],16,18	11,13,[14],[15]	[28],[30],32.2,35	[11],15,[16],17	X,[Y]	[10],11,12,[14]
	[19],20,21,[22]	7,11,[12]	[7],8,12		7,[8],9	6,9,[11]
	[17],18					
XTNPRK	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

XVY9DB	PowerPlex® 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
XYFQGD	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
XZT8MZ	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
Y2EBVX	PowerPlex® Fusion 5C					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
Y4BEQW	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16		8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
Y4WREA	GlobalFiler™ (STRmix)					
	13,14,15	20,21,23,24,25	10,11,14	15,16,17	9,10,11	
4e	7,8,11	12,13,14	11,12,13,15,16	17,18,19,24	8,11,12,13	9,10,11
	14,15,16,17,18	10,11,12,13,14,15	28,30,31.2,32.2,34,35	11,16,17,18	X,Y	10,11,12
	19,20,21			16,16.2,17,27.2,28,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
Y8R6ZV	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

YAB7X3	PowerPlex® Fusion					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
4e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
YCE2EJ	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YDTQHW	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YEKL7Q	PowerPlex® Fusion 6C (STRmix v2.6)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
YEUHQN	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YFKG6M	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4e - STR Results

YGG2RL	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YH878N	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YHLHX7	Identifiler® Plus (STRmix 2.7.0)					
		21,23,25		15,16,17	10,11	
4e	8,11	12,13,14			8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35		X,Y	10,11,12,14
	19,20,21,22				7,8,9	6,8,9,11
	17,18					
YKVMCU	GlobalFiler™ (STRMIX)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17,18	X,Y	10,11,12,13,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YLQMQX	GlobalFiler™ (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
YRAH74	PowerPlex® Fusion					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	18	11				
YTL8K9	GlobalFiler™ (STRmix V2.4.06)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	NT
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	NT	NT	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	NT	NT	2	

TABLE 2

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

YWQQU3	PowerPlex® Fusion					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18	11				
YZ4QQU	PowerPlex® 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
YZD6TW	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
Z39GRH	GlobalFiler™					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZB3NC9	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
ZFY9FR	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
ZGTYL8	PowerPlex® Fusion 6C (STRmix)					
	14,15,18,3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

ZHBF3X	Investigator® 24plex QS (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11				
ZJHUA4	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
ZJVWWY	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,20,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZKDDDQ	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	14,15,(18.3)	21,(23),25	11,(14)	(15),16,17	10,11	
4e	8,(11)	12,13,14	12,(13),16	18,19,(24)	(8),12,(13)	10,11,(13)
	(14),(15),16,18	11,13,(14),(15)	(28),(30),32.2,35	(11),15,(16),17	X,(Y)	(10),11,12,(14)
	(19),20,21,(22)	7,11,(12),(13)	(7),8,12	17,(21),28.2,(29.2)	7,(8),9	6,(8),9,(11)
	(17),18	11	17	18		
ZM6A3K	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,[24]	8,12,13	10,11,[13]
	14,15,16,18	11,13,14,15	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,[21],28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
ZMKVCL	GlobalFiler™					
	14,15,[18.3]	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,[18.3],19,24	8,12,13	10,11,[13]
	[14],15,16,18	11,13,14,15	28,[30],32.2,35	11,16,17	X,Y	10,11,12,[14]
	19,20,21,22			17,[21],28.2,29.2	7,8,9	6,[8],9,[11]
	17,18	11			2	
ZN9WUQ	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		

TABLE 2

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

Item 4e - STR Results

ZNN2NH	GlobalFiler™					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZNP36A	GlobalFiler™ PCR Amplification kit					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZQ2RRJ	PowerPlex® Fusion 6C					
	14,15	21,25	11,11	16,17	10,11	
4e	8,8	13,14	12,16	18,19	12,12	10,11
	16,18	11,13	32.2,35	15,17	X,X	11,12
	20,21	7,11	8,12	17,28.2	7,9	6,9
	18,18					
ZRTP6T	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19	8,12,13	10,11,13
	14,15,16,18	11,13	28,30,32.2,35	15,16,17	X,Y	10,11,12
	19,20,21,22	7,11	8,12	17,28.2,29.2	7,8,9	6,8,9
	17,18		17	18		
ZRZ4ZL	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	
ZVMJ3U	PowerPlex® Fusion 6C (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,15,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12	17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11	17	18		
ZWJ4PU	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4e	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,28.2,29.2	7,8,9	6,8,9,11
	17,18	11			2	

TABLE 2

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

Item 4sp - STR Results

22V7PU	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
279E4Y	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
284PMM	PowerPlex® Fusion 5C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
2A99LX	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,23,24	8,13,14	10,13,14
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22			21,22,29,29.2	7,8	8,11
	17	11			2	
2BKWBM	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
2CF676	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	11,13,14	14,15,16	10,11	
4sp	8,10,11	11,12	12,13	18,18.3,23,24	8,12,13	9,10,12,13
	13,14,15,16	13,14,15	27,28,29,30,35	11,15,16,17	X,Y	9,10,11,13,14
	18,19,20,21,22			17,20,21,28.2,29.2	7,8	6,8,11
	16,17,18	10,11			2	
2DQF2K	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

2FXW9E	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2G7EF3	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
2L32CC	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	13,14	14,15,16	10,11	
4sp	7,8,10,11	11,12	12,13	17.3,18.3,23,24	8,12,13,14	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	10,11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			20,20.2,21,22,28.2,29,29.2	7,8	8,11
	16,17	10,11			2	
2LGZ6W	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12,13	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22,23			21,29.2	7,8	8,11
	17	11			2	
2MPBV9	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	
4sp	8,11	12,13,14	12,13,16	18,18.3,24	8,12,13	10,11,13
	14,15,16	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22			17,21,29.2	7,8,9	6,8,9,11
	17,18	11			2	
2NE9QL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2RDKLL	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

2TK7TX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
2V4YV3	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
2V6JKU	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
2ZTLFA	GlobalFiler™ (STRmix 2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	-
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
33FMY3	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
343BV9	GlobalFiler™					
	[14],15,18.3	[21],23,[25]	[11],14	15,16,[17]	11	
4sp	8,11	12,[13],[14]	13,[16]	[18],18.3,[19],24	8,[12],13	10,[11],13
	14,15,[16],[18]	[11],[13],14,15	28,30,[32.2],[35]	11,16,[17]	X,Y	10,[11],[12],14
	19,[20],[21],22			[17],21,[28.2],29.2	7,8,[9]	[6],8,[9],11
	17,[18]	11			2	
36M279	GlobalFiler™					
	15,18.3	23,23	11,14	15,16,{17}	11,11	
4sp	8,11	12,13	13,13	18.3,24	8,{12},13	10,13
	14,15	14,15	28,30,{32.2}	11,16	X,Y	10,{11},{13},14
	19,{20},22			21,{28.2},29.2	7,8	8,{9},11
	17,18	11			2	

TABLE 2

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

Item 4sp - STR Results

36QKCK	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
38UBKK	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3C84H6	PowerPlex® 21 (STRMix)					
	15,18.3	23		15,16	11	13,14
4sp	8,11	12		18.3	8,13	10,11,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	6,8,11
	17,18					
3CMCKE	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
3DQ8R4	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
3EF9A9	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3H2C8A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

3L2ZWR	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
3LB7ZG	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
3LDQWW	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	11,14	15,16	11	
4sp	8,11	12	13,16	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,12,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3NQWBP	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3PW398	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3QAKLL	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
3QBG6F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

3UP3PN	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3UVTWB	GlobalFiler™					
	[14],15,18.3	[21],23,[25]	[11],14	15,16,[17]	11	
4sp	8,11	12,[14]	13	[18],18.3,24	8,[12],13	10,13
	14,15,[16],[18]	[11],14,15	28,30,[35]	11,16,[17]	X,Y	10,[11],[12],14
	19,22			[17],21,29.2	7,8,[9]	8,11
	17,[18]	11			2	
3XU8HF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
3XUKCH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4296P3	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
43D3WL	PowerPlex® Fusion 6C (STRmix v 2.8)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
478N4G	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

4793N2	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
48MMGC	Investigator® 24plex IQS					
	15,18.3	[21],23,[25]	[11],14	15,16	11	
4sp	8,11	12,[13]	13,[16]	[18],18.3,24	8,13	10,13
	14,15,[18]	[11],14,15	28,30,[35]	11,16	X,Y	10,[12],14
	19,22			21,29.2	7,8	8,11
	17	11				
4A48RD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4B96YW	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
4E8JLM	GlobalFiler™ (Str Mix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4GYATP	GlobalFiler™					
	15,18.3,[19.3]	23	14,[15]	15,16,[17]	11	
4sp	8,11	12	13	18.3,[23],24	8,13,[14]	10,13
	14,15	14,15	28,30	11,16	X,Y	10,[13],14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4KCM8E	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	NSD
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	NSD	NSD	21,29.2	7,8	8,11
	17,17	11	NSD	NSD	2	

TABLE 2

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

4LMCP6	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4LU9GF	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4M4JW9	PowerPlex® 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4PUK3W	GlobalFiler™ (STRmix version 2.7.0)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
4QNB9B	Identifiler®					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
4THWCL	PowerPlex® Fusion 5C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
4TPCBT	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

4U7JHW	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
4WE8YQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
4ZFNKF	Investigator® 24plex QS, 24FlexPlex					
	[14],15,18.3	[21],23,[25]	[11],14	15,16,[17]	11	13,14
4sp	8,11	12,[13],[14]	13,[16]	[18],18.3,24	8,[12],13	10,[11],13
	14,15,[16],[18]	[11],[13],14,15	28,30,[32.2],[35]	11,16,[17]	X,Y	10,[11],[12],14
	19,[20],[21],22	N/A	7,12	[17],21,[28.2],29.2	7,8,[9]	[6],8,[9],11
	17,[18]	11	17	INC	N/A	
648FTC	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
64A2JP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
66EV24	NGM SElect					
	15,18.3	23,23	14,14	15,16		
4sp		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					
6DH26P	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

6EPJ4L	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
6JZ8DD	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
6MKUED	PowerPlex® Fusion (STRmix™)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
6NRALJ	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
6PAQ3B	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
6R2MR6	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
6RGDUG	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

6TNXZ7	GlobalFiler™					
	14,15,18.3	[21],23,[25]	[11],14	15,16,[17]	[10],11	
4sp	8,[11]	12,[13],[14]	[12],13,[16]	[18],18.3,[19],24	8,12,13	10,[11],13
	14,15,[16],[18]	11,13,14,15	28,30,32.2,35	11,16,[17]	X,[Y]	10,[11],[12],14
	19,20,21,22			17,21,28.2,29.2	7,8,[9]	6,8,9,11
	17,[18]	11			2	
6WP2UD	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
6WRW23	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
6XJR9Q	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
73CJ8R	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
746ZCG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
74ZNFM	PowerPlex® Fusion 6C (STRMix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

76DCGE	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
77DKAB	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
78NYQC	PowerPlex® Fusion, 21, VERIFILER Express, VERIFILER Plus					
	15,18.3	23,23	14,14	15,16	11,11	13,14
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11			2	
7D7EX4	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7EJYPE	Investigator® 24plex IQS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
7EXL22	VeriFiler Plus					
	15,18.3	23	14	15,16	11	13,14
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17				2	
7HYPTN	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

7R7DKZ	GlobalFiler™ (STRmix v2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7ULX4F	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
7UWNPZ	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
7V28H3	GlobalFiler™ (STRmix 2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
7VK28H	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
7W6KMA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
7WK4WM	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

7XYYZ7	GlobalFiler™ (STRmix)					
	14,14.2,15,17.3,18.3	22,23,24	13,14	14,15,16	10,11	
4sp	7,8,10,11	11,12	12,13	17.3,18.3,23,24	7,8,12,13,14	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	10,11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			20,20.2,21,22,28.2,29.2	7,8	8,10,11
	16,17	10,11			2	
7ZGF72	GlobalFiler™ (STRmix version 2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
847P4C	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8863NG	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8AMX26	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8CENQF	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
8CGH6F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12,13	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,28.2,29.2	7,8	8,11
	17	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 4sp - STR Results

8CVZX2	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8CYWN4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8D7PC8	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
8DHNA2	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8KRKQF	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8LG7ND	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
8NB6K4	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

8NPTNF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8PL773	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
8TMAZA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
8UT7HP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
8ZJFRM	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13,16	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,12,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
8ZKCCG	PowerPlex® Fusion					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
8ZPRNH	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 4sp - STR Results

93NUZG	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12,[13]	13,13	18.3,24	8,13	10,13
	14,15,[16]	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
97P46R	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
98AKW9	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
98XBA7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
9A2GL3	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9CDJX6	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	13,14	14,15,16	10,11	
4sp	7,8,10,11	11,12,13	12,13	17.3,18.3,23,24	8,12,13	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	11,15,16	X,Y	9,10,13,14
	18,19,21,22			20,20.2,21,28.2,29,29.2	7,8	8,11
	16,17	10,11			2	
9FC2VW	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

9G2XZE	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
9K9LZG	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	--	--	21,29.2	7,8	8,11
	17,17	11	--	--	2	
9LTATP	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9NMLW9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
9PUBV8	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
9QL8K2	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9RGTD	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 4sp - STR Results

9UUPA2	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9WUQKF	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
9Y7X9K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
9YERF2	Identifiler® + (Plus)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
A3MWCL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
A4FDG9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
A6MTNE	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

A72HWV	Identifiler® Plus (STRmix v.2.7.0)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
A7CU4Y	ESI17					
	15,18.3	23,23	14,14	15,16		
4sp		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					
A8QWED	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
ABZ4UB	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
ADKKW9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ADKXPQ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AENTXA	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

AFMVZJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AHTDYE	PowerPlex® Fusion 5C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
AKE389	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ANRZEV	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AP8AH4	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
AQAR8C	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AQQDNL	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

ARJUUA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AUQPKL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AUXJR2	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AV6NNP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
AWAA4R	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
AWBXTH	GlobalFiler™ (STRMIX)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AYKLAC	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

AYY6TA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
AZ6CLX	GlobalFiler™ (STRmix 2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
B3F6XB	GlobalFiler™					
	15,18.3	23	[11],14	15,16	11	
4sp	8,11	12	13	18.3,[23],24	8,13	10,13
	14,15,[18]	14,15	28,30	11,16	X,Y	10,[13],14
	19,22			[17],21,29.2	7,8	8,11
	17,[18]	11			2	
B3G397	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
B3Y96B	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	N/A
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
B4VWYL	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
B7FFTb	GlobalFiler™					
	[14],15,18.3	[21],23,[25]	[11],14	15,16,[17]	11	
4sp	8,11	12,[13],[14]	13,[16]	[18],18.3,24	8,[12],13	10,[11],13
	14,15,[16],[18]	[13],14,15	28,30,[32.2],[35]	11,16,[17]	X,Y	10,[11],[12],14
	19,[20],[21],22			[17],21,[28.2],29.2	7,8,[9]	[6],8,[9],11
	17,[18]	11			2	

TABLE 2

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

Item 4sp - STR Results

B7XHAZ	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
B89WWC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BAU2DJ	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13,14	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BAUBYN	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BCWAAG	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
BDAJMN	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	10**,12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BGJYHD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

BL3Y8L	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
BM4L7B	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BN9JX8	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BNZ8TA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BNZR94	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
BRET CJ	GlobalFiler™ (STRMix)					
	15,18.3	23	14	15,16	11	
4sp	8,11,12	12	13	18.3,24	8,13,14	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,13,14
	19,22			21,29,29.2	7,8	8,11
	17	11			2	
BX8A6F	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

BYHBTZ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
BZN8BE	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
C3PU39	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
C6LEER	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
C78UG4	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,(13),14
	19,(21),22				7,8	8,11
	17,17					
C933RW	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
CC2DNW	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

CE4R8D	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
CG3CMW	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	13,14	14,15,16	10,11	
4sp	8,10,11	11,12	12,13	17.3,18.3,23,24	8,12,13	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			20,21,28.2,29.2,30.2	6,7,8	8,11
	16,17	11			2	
CJZFXH	GlobalFiler™					
	15,18.3	23	14	[13],15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CKAK39	PowerPlex® Fusion 6C (STRMix v.2.8)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
CMYKNJ	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
CMYTHM	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	
CRE27L	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

CT9HAN	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16,17	11	
4sp	8,11	12,13	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CUGMPX	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
CVHU8C	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
CVUMQV	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
CYPH8A	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
D37A6F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12,[14]	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D3BMRB	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 4sp - STR Results

D4DMBX	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
D6X7T9	Investigator® 24plex QS					
	[14],15,18.3	[21],23,[25]	[11],14	15,16	11	n/a
4sp	8,11	12	13	18.3,24	8,[12],13	10,13
	14,15,[18]	14,15	28,30	11,16,[17]	X,Y	10,14
	19,[20],[21],22	n/a	n/a	21,[28.2],29.2	7,8	[6],8,[9],11
	17,[18]	11	n/a	n/a	n/a	
D788MW	GlobalFiler™ (STR-MIX)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D7B743	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
D7LTYJ	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,12,13	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
D7U9B4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
D9AA87	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 4sp - STR Results

D9DRDH	Investigator® 24plex QS (TRUEALLELE® CASEWORK SYSTEM)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
DAAGY3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DCVX23	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	INC				
DENQWL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DFCE3W	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DHDD9V	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23,24	13,14,15	14,15,16	10,11	
4sp	7,8,10,11	11,12,13	12,13	17.3,18.3,23,24	7,8,12,13	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	10,11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			20,21,28.2,29.2	6,7,8	8,10,11
	16,17	11			2	
DQPMHA	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17,	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 4sp - STR Results

DTPQZ4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DU8UXW	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DUNYEA	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DUYZNU	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
DXWG3A	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
DY6739	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
DYJTDW	PowerPlex® Fusion 6C, SigPrep - Primer Set B (STRmix)					
	15,18.3	23	14	15,16	11	13,14
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

E28J38	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
E83J2F	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
E8H6BG	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
E8YYCR	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
E9A2ZB	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
E9RBXF	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
E9RJRH	GlobalFiler™					
	15,18.3	23	14	15,16	11	ND
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	

TABLE 2

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

E9UHFD	GlobalFiler™					
	NT	NT	NT	NT	NT	
4sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
EAX67K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EBRVCY	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
EC9PD9	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ED4XP3	GlobalFiler™					
	15,18.3	[21],23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EDML7W	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8,[9]	8,11
	17	11	17	18		
EFAT8G	PowerPlex® 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

EFLPAZ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EJ98RK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EK3XXZ	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
ELJ9P4	GlobalFiler™ (BP Sentry)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ENYU9C	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EPLEG9	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EPYBKR	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17,18	18		

TABLE 2

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

EQWQ7K	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EXNEHQ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
EXRWP3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
EYXEMX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,12,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
F2M3V3	GlobalFiler™					
	15,18.3	23	14	15,16	11	-
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17	11	-	-	2	
F2PNJK	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
F2ZLJV	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					

TABLE 2

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

Item 4sp - STR Results

F63NFC	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
F6MDPH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
F8DFXQ	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
F977RL	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
FBJ7DY	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
FBUVXK	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,23,24	8,13,14	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FBY2PE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

FET7UK	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,29,30	11,16	X,Y	10,13,14
	19,22			21,22,29.2	7,8	8,11
	17,17	11			2	
FEY9BC	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,[26.2],29.2	7,8	8,11
	17	11			2	
FFRTNF	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
FGKAU6	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FHWP7	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FKXVP7	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
FL86FH	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22,23			21,29.2	7,8	8,11
	17	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 4sp - STR Results

FNX4UG	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
FR3XLH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
FYFNED	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
G2MFRC	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
G3NNNA	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
G79FYC	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
GC2B6Q	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

GC6276	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
GFF9DD	GlobalFiler™ (STRmix)					
	15,18.3	23	11,14	15,16,17	11	
4sp	8,11	12,14	13,16	18.3,24	8,12,13	10,13
	14,15	14,15	28,30,32.2,35	11,16,17	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GFK2A6	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GGTMY2	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
GH7H2K	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
GHCXY	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
GJKD76	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

GNWRL3	PowerPlex® 21					
	15,18.3	23,23		15,16	11,11	13,14
4sp	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
GRCE7C	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
GX8U84	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
H6JXHF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
H82RV4	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
H9TQA2	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
HA8ZEW	VERSAPLEX 27 PY					
	15,18.3	23,23	14,14	15,16	11,11	13,14
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

HDF6BG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	ND	ND	21,29.2	7,8	8,11
	17	11	ND	ND	2	
HE84PE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HEJ2JZ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HFVQVP	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
HLGQ3P	VeriFiler Plus					
	15,18.3	23	14	15,16	11	13,14
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17				2	
HPTTET	GlobalFiler™					
	15,18.3	23	11,14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	13,14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HTJTDH	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

HWYRB	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
HWNVG4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
HXWG62	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
J77YYN	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
J8MVRM	GlobalFiler™ (STRmix 2.8)					
	15,18.3	23	14	15,16	11	
	8,11	11,12	12,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
J9PJKE	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
	8,11	12	13	18.3,23**,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13**,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JBC3LC	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 4sp - STR Results

JBGHYD	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JBL8MM	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	13,14	14,15,16	10,11	
4sp	8,10,11	11,12	12,13	17.3,18.3,23,24	8,12,13	10,12,13
	13,14,15	13,14,15	28,29,30	11,15,16	X,Y	10,13,14
	19,21,22			20,21,28.2,29.2	7,8	8,11
	16,17	10,11			2	
JCRGV8	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JDQU6X	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
JJZBDL	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JK9RRG	PowerPlex® Fusion 6C (STRMix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
JLZWBE	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

JMTPWY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11	17	18	2	
JTETQM	GlobalFiler™ Express (GENE MAPPER)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,17	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
JUHR7T	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JUXJ96	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
JVU4V6	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
JX9PFD	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	10,12,13	13	18.3,24	8,12,13,14	10,13
	14,15,16	14,15	28,30	11,16	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
JXV2EL	PowerPlex® 21 (STRmix)					
	15,18.3	23,23		15,16	11,11	13,14
4sp	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					

TABLE 2

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

Item 4sp - STR Results

JZ4PUF	GlobalFiler™ (STRMIX)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
K7E4NT	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
KAZL7D	GlobalFiler™ (STRmix)					
	15,18.3	23	11,14	15,16	11	
4sp	8,11	12	13	18.3,23,24	8,12,13	10,13
	14,15,18	14,15	28,29,30	11,16	X,Y	10,13,14
	19,22			21,28.2,29.2	7,8	8,11
	17,18	11			2	
KF6GRY	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
KFB7G9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KFVEEY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KJBZY8	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

KMACU8	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
KMVU67	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KPZUDW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,[11]	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,[11]
	17,17	11			2	
KQ4H63	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
KQTN9F	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KTGRQ9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
KTUGJ2	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

KV9MF3	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	N/A
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	N/A	21,29.2	7,8	8,11
	17,17	11	N/A	N/A	N/A	
KX9YZH	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
KYN9YB	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
L3XVZT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
L8AW8H	Identifiler® Plus (STRmix version 2.7.0)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
L93UD4	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LCAHD7	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

LDXLJF	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
LEPUJJ	GlobalFiler™ (STRmix V2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LERCPU	Investigator® 24plex IQS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
LHN6EJ	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LJBWZT	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
LMQ6NT	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LPQ6Z7	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

LQH2PZ	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
LRLVU6	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LRWLFP	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
LRYP9J	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
LXN62W	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
LYY8MV	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
M2Z68J	Investigator® 24plex (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

M68VXC	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
M7JYLV	GlobalFiler™ (BulletProof Sentry)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
M7L4EJ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
M8T4YJ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MBCQKW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MGBQQA	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
MHCHZ2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 4sp - STR Results

MHRA2B	GlobalFiler™					
	15,18.3	[21],23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MJ2RYH	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MJZXW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
MKBWC8	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
MKR2U6	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
MLK4BT	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
MNC3PR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

MNY9LW	Investigator® 24plex QS, FlexPlex27TM					
	15,18.3	23,23	14,14	15,16	11,11	13,14
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	7,12	21,29.2	7,8	8,11
	17,17	11	17	18	N/A	
MRVK92	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MVTNPH	PowerPlex® Fusion 6C, Investigator® 26plex (CODIS)					
	15,18.3	23,23	14,14	15,16	11,11	13,14
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
MVV9LY	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
MYRTR4	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
N22PYW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
N24RXW	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

N2TDVU	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
N6HDG6	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
N7RM8G	PowerPlex® 21 (STRmix 2.8.0)					
	15,18.3	23,23		15,16	11,11	13,14
4sp	8,11	12,12		18.3,24	8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17					
N9KVV4	PowerPlex® 6C (STRmix)					
	15,18.3	[21],23	[11],14	15,16	11	
4sp	8,11	12	13,[16]	[18],18.3,24	8,13	10,13
	14,15	14,15	28,30,[32.2],[35]	11,16	X,Y	10,[12],14
	19,22	12,13	7,12	21,29.2	7,8	[6],8,[9],11
	17	11	17	18		
NF7VEG	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NF9FBW	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NK9MVU	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	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 4sp - STR Results

NKRD6E	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
NPK3MA	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,12,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
NPX48K	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
NRP3LJ	Verifiler Plus					
	14,15,18.3	21,23,25	11,14	15,16,17	10,11	13,14,17
4sp	8,11	12,13,14	12,13,16	18,18.3,19,24	8,12,13	10,11,13
	14,15,16,18	11,13,14,15	28,30,32.2,35	11,16,17	X,Y	10,11,12,14
	19,20,21,22	7,11,12,13	7,8,12		7,8,9	6,8,9,11
	17,18				2	
NRW9YX	Investigator® 24plex QS, FlexPlex 27					
	15,18.3	23,23	14,14	15,16	11,11	INC
4sp	8,11	12,12	13,13	18.3,24	8,[12],13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	N/A	INC	21,29.2	7,8	8,11
	17,17	11	INC	INC	N/A	
NU26XL	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
NUBPE7	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

NUYA2G	Identifiler® Plus (Genotyper 3.7)					
		23		15,16	11	
4sp	8,11	12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17					
NXU2YU	PowerPlex® Fusion (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
P2QZTJ	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
P3RMWA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
P6XR3N	GlobalFiler™					
	[14],15,18.3	[21],23,[25]	[11],14	15,16,[17]	[10],11	
4sp	8,11	12,[13],[14]	[12],13,[16]	[18],18.3,[19],24	8,[12],13	10,[11],13
	14,15,[16],[18]	[11],[13],14,15	28,30,[32.2],[35]	11,16,[17]	X,Y	10,[11],[12],14
	19,[20],[21],22			[17],21,[28.2],29.2	7,8,[9]	[6],8,[9],11
	17,[18]	11			2	
P779GH	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
PB2BB9	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

PFTE8V	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
PK8J7T	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
PT4JFE	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
PWP2XZ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
PXBE9A	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
PXD68U	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
PXFQ3A	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

PXMEVK	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
PXYH7Q	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
PZDDB6	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
PZFY8K	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
Q9Y28Y	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QEQ92K	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QFBEPU	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

QFNLK8	GlobalFiler™ (STRmix)					
	14,15,18.3	21,23,25	11,14	15,16,17	11	
4sp	8,11	12,13	13,16	18.3,24	8,12,13	10,13
	14,15,16	11,13,14,15	28,30,32.2	11,16	X,Y	10,11,14
	19,20,21,22			21,28.2,29.2	7,8,9	8,11
	17	11			2	
QGJTEK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QLHAQE	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QLHJ3M	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	13,14	14,15,16	10,11	
4sp	8,10,11	11,12	12,13	17.3,18.3,23,24	8,12,13,14	9,10,12,13
	13,14,15	13,14,15	27,28,29,30	11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			20,20.2,21,28.2,29,29.2,30.2	7,8	8,11
	16,17	10,11			2	
QM7M9W	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
QMFVKA	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
QN38VW	GlobalFiler™ (STRmix v2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

QPAHRY	NGM SElect					
	15,18.3	23,23	14,14	15,16		
4sp		12,12	13,13	18.3,24		10,13
	14,15	14,15	28,30	11,16	X,Y	
	19,22			21,29.2	7,8	
	17,17					
QQCK2G	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
QQVJYE	PowerPlex® Fusion 6C (STRMix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
QTTH7U	Investigator® 24plex QS					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
QUCH4F	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
QURA6Q	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
QVEJNM	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					

TABLE 2

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

Item 4sp - STR Results

QY2279	GlobalFiler™ (STRMIX)					
	15,18.3	23,**24	14	15,16	11	
4sp	8,11	**10,12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,**13,14
	19,22			21,29.2	7,8	8,11
	17	**10,11			2	
QY6TM8	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
QZB7KW	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
QZHKEN	GlobalFiler™					
	15,18.3	23	[11],14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			[17],21,29.2	7,8	[6],8,11
	17	11			2	
R27FE3	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
R4TH6J	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
R4WA6Y	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

R63JWK	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
R7LN32	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
R9H4PR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RBDM4X	Identifiler®					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,X	10,14
	19,22				7,8	8,11
	17,17					
RET9N7	GlobalFiler™ (STRmix)					
	15,16,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13,14	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,13,14
	19,22			21,29.2,30.2	7,8	8,11
	17	11			2	
RGKGDE	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
RHNYZJ	GlobalFiler™ (STRmix v2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	-
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

RHTGRG	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
RTB2CD	Identifiler® Plus (STRMix 2.7.0)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
RTZBQR	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
RUKTH9	GlobalFiler™ (STRMIX)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
RWH24W	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
RZBWBF	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	21,22,23	11,13,14	14,15,16,17	10,11	
4sp	8,10,11	10,11,12,13	12,13	17.3,18,18.3,23,24	7,8,12,13	9,10,12,13
	13,14,15	11,13,14,15	27,28,29,30	11,15,16,17	X,Y	9,10,13,14
	18,19,21,22			17,20,21,28.2,29,29.2	7,8	8,11
	16,17	10,11			2	
T2ZYRK	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

T3K3QP	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
T7GQ6B	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
T7X3MG	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
T8DTPT	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
T9LQE4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TAZDQQ	PowerPlex® Fusion 6C (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
TBBMU3	GlobalFiler™ (STRmix)					
	15,18.3	23,25	11,14	15,16,17	11	
4sp	8,11	12,13,14	13	18.3,24	8,13	10,13
	14,15,16,18	11,14,15	28,30,32.2	11,16	X,Y	10,11,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

TBNZW2	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	10,12	13	18.3,24	8,13,14	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22			20.2,21,29.2	7,8	8,11
	17	10,11			2	
TDFYBY	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8,9	8,11
	17	11			2	
TEV8NR	GlobalFiler™					
	15,18.3	23	14	15,16,[17]	11	
4sp	8,11	12	13,[16]	18.3,[23],24	8,[12],13,[14]	10,13
	14,15	14,15	28,30,[32.2]	11,16	X,Y	10,[12],[13],14
	19,22			[17],21,29.2	7,8	8,11
	17,[18]	11			2	
TK379B	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
TLQAQ4	GlobalFiler™					
	15,18.3	23	[11],14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
TPNQY	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	11,14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
TQ7GE3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

TTTELU	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
TUL3XC	Identifiler® Plus, 28+34 cycles (STRmix version 2.7.0)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
TW9DQT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
TY834Q	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
TYF7R2	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
U42JVB	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
U49XQ3	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

U6AQZP	PowerPlex® Fusion 5C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
U6CCW6	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
U6V6N2	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
U8MZDV	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
UA6KXQ	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
UB4JGY	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UCKN32	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

UE9NAP	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UK6TYG	GlobalFiler™ (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UKX2BD	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UNC7XU	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
UP9QKT	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UR3UTF	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
URMLQ8	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,23**,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13**,14
	19,22			21,29.2	7,8	8,11
	17	9**,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 4sp - STR Results

URVXUA	PowerPlex® Fusion 6C (STRMix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
UTMC63	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
UVGFCU	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UWJ4BE	PowerPlex® 21					
	14,15,18.3	21,23,25		15,16,17	11	13,14
4sp	8,11	12		18.3,19,24	8,12,13	10,11,13
	14,15	13,14,15	28,30,35		X,Y	10,12,14
	19,21,22	12,13	7,12		7,8,9	8,11
	17					
UWNXBQ	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
UXC7R2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
V2BGM2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	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 4sp - STR Results

V3AAMX	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V427BR	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V73TGD	GlobalFiler™ (STRmix v2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	-
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17,17	11	-	-	2	
V7KXWQ	GlobalFiler™ (STRmix 2.4)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
V847DA	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,[13],14
	19,22			21,29.2	7,8	8,11
	17	11			2	
V8JZY	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VDVDWH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30,[32.2]	11,16	X,Y	10,14
	19,22			21,[28.2],29.2	7,8	[6],8,11
	17	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 4sp - STR Results

VEFZY2	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VF24CT	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
VFWJA4	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VFXNZT	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
VHV8M2	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
VHZMY2	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VJCAJ2	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	10,12,13	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16,17	X,Y	10,14
	19,22			21,29.2	5,7,8	8,11
	17	10,11			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 4sp - STR Results

VJCJ67	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
VKH6UR	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VN27PD	GlobalFiler™ PCR Amplification Kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VNPRR9	Investigator® 24plex QS					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
VQ8L7H	Identifiler® Plus					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
VQJFEB	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VQVCJF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

VTYKKF	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
VUPJYE	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
VUXMMP	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WQ7GG	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	-	-	21,29.2	7,8	8,11
	17	11	-	-	2	
VWV9Y3	GlobalFiler™ (STRmix)					
	15,18.3	23	11,14	15,16	11	
4sp	8,11	12	13	18,18.3,24	8,12,13	10,13
	14,15	13,14,15	28,30	11,16	X,Y	10,14
	19,22			21,28.2,29.2	7,8	8,11
	17	11			2	
VWXWGF	Investigator® 24plex QS (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11				
W26P9Q	GlobalFiler™ (strmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

W2EH4J	PowerPlex® Fusion 5C (STRmix v. 2.7)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	INC				
W2WAC4	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
W3JBKD	PowerPlex® Fusion 6C, Signature Prep - Primer Set B (STRmix)					
	15,18.3	23	14	15,16	11	13,14
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
W4VY6D	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
W6CVWD	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
W9PVT4	GlobalFiler™ (STRmix)					
	15,18.3,19.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13,14	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	10,11			2	
WBFBL4	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

WCUZLV	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WEYX7J	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WGGE8D	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WHVMC8	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WKFP4C	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
WUXBTM	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
WV4ZTB	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

WYNMUB	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
X4UDGV	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
X6RBHW	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
X7ZQ6P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
X8GFFA	PowerPlex® Fusion 6C					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
XAZ22P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
XDJ2EJ	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

XGHC9X	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
XGZGFD	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
XJB9WR	Identifiler®, PowerPlex® Fusion 6C, GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18	2	
XTFB2P	PowerPlex® Fusion (TrueAllele)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
XTNPRK	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
XVY9DB	PowerPlex® 6C (STRmix)					
	15,18.3	21,23,25	11,14	15,16	10,11	
4sp	8,11	12,13,14	13,16	18.3,24	8,12,13	10,11,13
	14,15,16	11,14,15	28,30,32.2,35	11,16	X,Y	10,13,14
	19,21,22	7,11,12,13	7,12	21,28.2,29.2	7,8	8,9,11
	17,18	11	17	18		
XYFQGD	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	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 4sp - STR Results

XZT8MZ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
Y2EBVX	PowerPlex® Fusion 5C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17,17	11				
Y4BEQW	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
Y4WREA	GlobalFiler™ (STRmix)					
	14,15,17.3,18.3	22,23	11,13,14	14,15,16	10,11	
4sp	7,8,10,11	11,12	12,13	17.3,18.3,23,24	8,12,13,14	9,10,12,13
	13,14,15	13,14,15	27,28,29,30,32.2,35	10,11,15,16,17	X,Y	9,10,13,14
	18,19,20,21,22			17,20,20.2,21,28.2,29.2,30.2	7,8	8,11
	16,17	10,11			2	
Y8R6ZV	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YAB7X3	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YBQW8B	GlobalFiler™					
	NT	NT	NT	NT	NT	NT
4sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

TABLE 2

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

Item 4sp - STR Results

YCE2EJ	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
YDTQHW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YEKL7Q	PowerPlex® Fusion 6C (STRmix v2.6)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
YEUHQN	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YFKG6M	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
YGG2RL	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,[12],13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,[28.2],29.2	7,8	8,11
	17	11			2	
YH878N	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

YHLHX7	Identifiler® Plus (STRmix 2.7.0)					
		23,23		15,16	11,11	
4sp	8,11	12,12			8,13	10,13
	14,15	14,15	28,30		X,Y	10,14
	19,22				7,8	8,11
	17,17					
YKVMCU	GlobalFiler™ (STRMIX)					
	15,18.3	23	14	15,16	11	
4sp	8,11	10,12,13	13	18.3,23,24	8,13,14	10,13
	14,15	14,15	28,30	11,16	X,Y	10,13,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YLQMQX	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
YRAH74	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YTL8K9	GlobalFiler™ (STRmix V2.4.06)					
	15,18.3	23,23	14,14	15,16	11,11	NT
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	NT	NT	21,29.2	7,8	8,11
	17,17	11	NT	NT	2	
YWQQU3	PowerPlex® Fusion					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12		7,8	8,11
	17	11				
YZ4QQU	PowerPlex® 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

YZD6TW	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
Z39GRH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZB3NC9	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZFY9FR	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZGTYL8	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZHBF3X	Investigator® 24plex QS (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11				
ZJHUA4	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		

TABLE 2

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

Item 4sp - STR Results

ZJVWWY	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZKDDDQ	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13,(16)	(18),18.3,24	8,(12),13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,(20),22	(7),12,13	7,12	21,29.2	7,8,(9)	(6),8,(9),11
	17	11	17	18		
ZM6A3K	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZMKVCL	GlobalFiler™					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	
ZN9WUQ	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZNN2NH	GlobalFiler™					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZNP36A	GlobalFiler™ PCR Amplification kit					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	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 4sp - STR Results

ZQ2RRJ	PowerPlex® Fusion 6C					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17,17	11	17	18		
ZRTP6T	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13		8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21	7,8	8,11
	17	11	17	18		
ZRZ4ZL	GlobalFiler™ (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17	11			2	
ZVMJ3U	PowerPlex® Fusion 6C (STRmix)					
	15,18.3	23	14	15,16	11	
4sp	8,11	12	13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22	12,13	7,12	21,29.2	7,8	8,11
	17	11	17	18		
ZWJ4PU	GlobalFiler™ (STRmix)					
	15,18.3	23,23	14,14	15,16	11,11	
4sp	8,11	12,12	13,13	18.3,24	8,13	10,13
	14,15	14,15	28,30	11,16	X,Y	10,14
	19,22			21,29.2	7,8	8,11
	17,17	11			2	

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

279E4Y	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
284PMM	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2A99LX	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2FXW9E	Yfiler™								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
2MPBV9	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2Q9H6U	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2RPFWU	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2V6JKU	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
38UBKK	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3C84H6	Yfiler™ Plus								
1	36,37	14	11,13	13	NR	25	11	14	13
	15	12	12	18	30	17	16	NR	25
	37	12		17	18	23	23		12
3EF9A9	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 1 - YSTR Results

3H2C8A	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3LB7ZG	Yfiler™								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
3QAALL	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3XU8HF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3XUKCH	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4793N2	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4A48RD	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4E8JLM	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4KCM8E	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NSD	17	18	23	23	NSD	12
4LU9GF	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
4THWCL	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
4U7JHW	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 1 - YSTR Results

4WE8YQ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4ZRKEZ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
648FTC	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
68D6J6	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6NXWJ4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
6PAQ3B	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6TNXZ7	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6WRKZP	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
73CJ8R	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
76DCGE	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
77DKAB	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
78NYQC	Yfiler™ Plus, PowerPlex® Y 23								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	12	17	18	23	23	10	12

TABLE 3

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

Item 1 - YSTR Results

7D7EX4	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
7VK28H	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
7W6KMA	Yfiler™								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
							23		12
847P4C	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8863NG	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8CVZX2	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8DHNA2	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8KRKQF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8LG7ND	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
8NPTNF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8TMAZA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8ZJFRM	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 1 - YSTR Results

93NUZG	Yfiler™ Plus - Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
97P46R	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
98UELPL	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9A2GL3	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
9LTATP	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9NMLW9	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9RGTDR	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
9W288W	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A4FDG9	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A6MTNE	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A72HWV	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ADKKW9	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

AENTXA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AKE389	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AUXJR2	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AYY6TA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
B3G397	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
B4VWYL	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
B89WWC	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BGJYHD	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BN9JX8	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BRET CJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CMYKNJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CT9HAN	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

D4DMBX	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7B743	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7LTYJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7U9B4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D9AA87	Yfiler™								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
D9DRDH	Yfiler™								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
DAAGY3	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DCVX23	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
DH3UUW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
DTPQZ4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DU8UXW	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DYJTDW	PowerPlex® Y 23, SigPrep-Primer Set B								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16	11	25
		12	12	17	18		23	10	12

TABLE 3

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

Item 1 - YSTR Results

E8H6BG	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
E9A2ZB	Yfiler™ Plus Direct mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
E9UHFD	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
EC9PD9	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
ED4XP3	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
EF7JYG	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
EXRWP3	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
F2PNJK	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
FEY9BC	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
FFRTNF	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
FYFNED	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
G3NNNA	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	

TABLE 3

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

Item 1 - YSTR Results

GNWRL3	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
GX8U84	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
H6JXHF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HA8ZEW	Yfiler™								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HDVWCQ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HEJ2JZ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HPTTET	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HTJTDH	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
HWNVG4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HWZACN	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
						23		12	
JDQU6X	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JK9RRG	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	

TABLE 3

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

Item 1 - YSTR Results

JLZWBE	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JMTPWY	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JTETQM	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JUXJ96	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
JX9PFD	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JZ4PUF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KFVEEY	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
KMVU67	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KPZUDW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KQTN9F	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KX9YZH	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
KYN9YB	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12

TABLE 3

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

Item 1 - YSTR Results

LJBWZT	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
LPQ6Z7	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			25
		12	12	17	18	23	10		12
LRLVU6	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
LXN62W	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
LYY8MV	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
M2Z68J	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
M68VXC	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
M7L4EJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MBCQKW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MD9WQJ	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
MHRA2B	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MJJZXW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

MKBWC8	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
MRVK92	Yfiler™ Plus in Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
MVTNPH	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
N22PYW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
N24RXW	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
NF7VEG	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
NKRD6E	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		23	12
NPK3MA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
NUYA2G	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		23	12
NXU2YU	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		23	12
PK8J7T	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
PT4JFE	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		23	12

TABLE 3

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

Item 1 - YSTR Results

PXD68U	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
PXFQ3A	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			25
		12	12	17	18	23	10		12
PXMEVK	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
PXYH7Q	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
Q4KHPG	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Q9Y28Y	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QEQ92K	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QGJTEK	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QMFVKA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QPAHRY	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			25
		12	12	17	18	23	10		12
QURA6Q	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QY6TM8	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			25
		12	12	17	18	23	10		12

TABLE 3

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

Item 1 - YSTR Results

QZB7KW	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
QZHKEN	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
R4WA6Y	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
R63JWK	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
RHNYZJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	-	17	18	23	23	-	12
RTB2CD	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
RTZBQR	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
RWH24W	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
T2ZYRK	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
T3K3QP	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
T9LQE4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23		12	
TAZDQQ	PowerPlex® Y 23								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	

TABLE 3

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

Item 1 - YSTR Results

TW9DQT	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
TZUZJF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
UA6KXQ	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UCGRKV	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UE9NAP	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UK6TYG	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UKDMKF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UNC7XU	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UR3UTF	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UVGFCU	Yfiler™ Plus Direct Mode								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UWJ4BE	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UWNXBQ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

V7HC2A	Yfiler™								
1	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16			
						23			12
VFWJA4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VN27PD	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VQVCJF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VUPJYE	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
VWV9Y3	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VWXWGF	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
W3JBKD	PowerPlex® Y 23, Signature Prep - Primer Set B								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	17	16	11	25	
		12	12	17	18		23	10	12
WBFBL4	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
WDFEN8	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
WEYX7J	Yfiler™								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
WUXBTM	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

WYNMUB	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
X6RBHW	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
X7ZQ6P	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
XA2VQY	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
XAZ22P	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
XJMZPA	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
XMPUG2	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
XTFB2P	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
Y4BEQW	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
YBQW8B	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YCE2EJ	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YEKL7Q	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 1 - YSTR Results

YHLHX7	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YKVMCU	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YLQMQX	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z39GRH	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z6AT4A	Yfiler™ Plus PCR Amplification Kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z8Q949	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZFY9FR	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
ZGTYL8	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
ZHBF3X	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
ZM6A3K	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZMKVCL	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZNN2NH	Yfiler™ Plus								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 1 - YSTR Results

ZNP36A	Yfiler™ Plus PCR Amplification kit								
1	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZQ2RRJ	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZVMJ3U	PowerPlex® Y 23								
1		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 3 - YSTR Results

279E4Y	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
284PMM	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
2A99LX	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
2FXW9E	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
2MPBV9	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
2Q9H6U	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
2V6JKU	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
38UBKK	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
3C84H6	Yfiler™ Plus								
3	NR	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
3EF9A9	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
3H2C8A	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
3LB7ZG	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
3QAKLL	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
3XU8HF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
3XUKCH	Yfiler™ Plus								
3	35,[39]	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
4793N2	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
4A48RD	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
4E8JLM	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
4KCM8E	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	NSD	19	16	19	21	NSD	12
4LU9GF	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
4QNB9B	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
4THWCL	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
4WE8YQ	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	
6PAQ3B	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	19	16	19	21		12	

TABLE 3

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

Item 3 - YSTR Results

6TNXZ7	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
6WRKZP	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
73CJ8R	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
76DCGE	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
77DKAB	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
78NYQC	Yfiler™ Plus, PowerPlex® Y 23								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	11	19	16	19	21	14	12
7D7EX4	Yfiler™ Plus PCR Amplification Kit								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
7VK28H	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
7W6KMA	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
847P4C	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8D7PC8	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8DHNA2	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

8KRKQF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8LG7ND	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
8NPTNF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8TMAZA	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8ZJFRM	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
93NUZG	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
97P46R	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
98UELP	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
9A2GL3	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
9LTATP	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
9NMLW9	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
9RGTD	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12

TABLE 3

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

Item 3 - YSTR Results

9W288W	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
A4FDG9	Yfiler™ Plus, PowerPlex® Y								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
A6MTNE	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
A72HWV	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
ADKKW9	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
AENTXA	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
AUXJR2	Yfiler™ Plus PCR Amplification Kit								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
AYY6TA	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
B3G397	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
B4VWYL	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
B89WWC	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
BGJYHD	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

C78UG4		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
CMYKNJ		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
CT9HAN		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
D4DMBX		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
D7B743		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
D7LTYJ		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
D7U9B4		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
DAAGY3		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
DTPQZ4		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
DU8UXW		Yfiler™ Plus PCR Amplification Kit								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
DYJTDW		PowerPlex® Y 23, SigPrep- Primer Set B								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16	10	28	
		12	11	19	16		21	14	12	
E9A2ZB		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	

TABLE 3

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

Item 3 - YSTR Results

EBRVCY	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
EC9PD9	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
ED4XP3	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
EF7JYG	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
EK3XXZ	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
F2PNJK	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
FEY9BC	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
FFRTNF	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
FYFNED	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
G3NNNA	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
GNWRL3	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
GX8U84	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12

TABLE 3

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

Item 3 - YSTR Results

H6JXHF		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
HA8ZEW		Yfiler™								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
HPTTET		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
HTJTDH		PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28	
		12	11	19	16		21	14	12	
HWNVG4		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
HWZACN		Yfiler™								
3		15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16			
							21		12	
JDQU6X		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
JK9RRG		PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28	
		12	11	19	16		21	14	12	
JLZWBE		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
JTETQM		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	
JUXJ96		PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28	
		12	11	19	16		21	14	12	
JX9PFD		Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13	
	14	11	11	21	30	15	16	10	28	
	38	12		19	16	19	21		12	

TABLE 3

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

Item 3 - YSTR Results

JZ4PUF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
K7E4NT	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
KFVEEY	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
KMVU67	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
KPZUDW	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
KQTN9F	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
KX9YZH	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
KYN9YB	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
LJBWZT	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
LPQ6Z7	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
LRLVU6	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
LXN62W	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

LYY8MV	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
M2Z68J									
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
M68VXC	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
MBCQKW	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
MD9WQJ	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
MHRA2B	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
MJJZXW	Yfiler™ Plus								
3	35,[39]	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
MKBWC8	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
MRVK92	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
N22PYW	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
N24RXW	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
NKRD6E	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12

TABLE 3

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

Item 3 - YSTR Results

NPK3MA	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12
NUYA2G	Yfiler™									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		
							21			12
NXU2YU	Yfiler™									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		
							21			12
PK8J7T	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12
PT4JFE	Yfiler™									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		
							21			12
PXD68U	Yfiler™									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		
							21			12
PXFQ3A	PowerPlex® Y 23									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		28
		12	11	19	16		21	14		12
PXMEVK	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12
PXYH7Q	Yfiler™									
	3		15	16,17	13	30	21	10	11	13
		14	11	11	21		15	16		
							21			12
Q4KHPG	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12
Q9Y28Y	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12
QEQ92K	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21			12

TABLE 3

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

Item 3 - YSTR Results

QGJTEK	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
QMFVKA	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
QURA6Q	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
QVEJNM	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
QY6TM8	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
QZB7KW	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
QZHKEN	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
R4WA6Y	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
R63JWK	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
RHNYZJ	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	-	19	16	19	21	-	12
RTB2CD	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
RTZBQR	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

RWH24W	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28
	12	11	19	16		21	14	12	
T2ZYRK	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
T3K3QP	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
T9LQE4	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
TAZDQQ	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28
	12	11	19	16		21	14	12	
TW9DQT	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UA6KXQ	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28
	12	11	19	16		21	14	12	
UCGRKV	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28
	12	11	19	16		21	14	12	
UE9NAP	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UK6TYG	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UKDMKF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UNC7XU	PowerPlex® Y 23								
3	15	16,17	13	30	21	10	11	13	
	14	11	11	21		15	16		28
	12	11	19	16		21	14	12	

TABLE 3

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

Item 3 - YSTR Results

UR3UTF	Yfiler™ Plus PCR Amplification Kit								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UVGFCU	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UWJ4BE	Yfiler™ Plus								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
UWNXBQ	Yfiler™ Plus								
3	35,39	15	[16],17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
V7HC2A	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
VFWJA4	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
VN27PD	Yfiler™ Plus PCR Amplification Kit								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
VQ8L7H	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
VQVCJF	Yfiler™ Plus								
3	Inc.	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
VUPJYE	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
VWV9Y3	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
VWXWGF	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

W3JBKD	PowerPlex® Y 23, Signature Prep - Primer Set B								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16	10	28
		12	11	19	16		21	14	12
WBFBL4	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
WDFEN8	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
WEYX7J	Yfiler™								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		
							21		12
WUXBTM	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
WYNMUB	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
X6RBHW	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
X7ZQ6P	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
XA2VQY	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
XAZ22P	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
	14	11	11	21		15	16		28
		12	11	19	16		21	14	12
XJMZPA	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
XMPUG2	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3 - YSTR Results

XTFB2P	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	
Y4BEQW	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	
YCE2EJ	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
YEKL7Q	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	
YHLHX7	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
YKVMCU	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
YLQMQX	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
Z39GRH	Yfiler™ Plus									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
Z6AT4A	Yfiler™ Plus PCR Amplification Kit									
	3	35,39	15	16,17	13	30	21	10	11	13
		14	11	11	21	30	15	16	10	28
		38	12	19	16	19	21		12	
ZFY9FR	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	
ZGTYL8	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	
ZHBF3X	PowerPlex® Y 23									
	3	15	16,17	13	30	21	10	11	13	
		14	11	11	21	15	16		28	
		12	11	19	16		21	14	12	

TABLE 3

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

Item 3 - YSTR Results

ZM6A3K	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
ZMKVCL	Yfiler™ Plus								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
ZNP36A	Yfiler™ Plus PCR Amplification kit								
3	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
ZQ2RRJ	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
		14	11	11	21	15	16		28
		12	11	19	16		21	14	12
ZVMJ3U	PowerPlex® Y 23								
3		15	16,17	13	30	21	10	11	13
		14	11	11	21	15	16		28
		12	11	19	16		21	14	12

TABLE 3

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

Item 3e - YSTR Results

4U7JHW	PowerPlex® Y 23								
3e	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
68D6J6	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	NT	19	16	19	21	NT	12
6NXWJ4	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	NT	19	16	19	21	NT	12
8863NG	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
8CVZX2	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
DH3UUW	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	NT	19	16	19	21	NT	12
E9UHFJ	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
HDVWCQ	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12
MVTNPH	PowerPlex® Y 23								
3e	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
NF7VEG	PowerPlex® Y 23								
3e	15	16,17	13	30	21	10	11	13	
	14	11	11	21	15	16		28	
	12	11	19	16		21	14	12	
TZUZJF	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12	NT	19	16	19	21	NT	12
YBQW8B	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3e - YSTR Results

Z8Q949	Yfiler™ Plus								
3e	35,39	15	16,17	13	30	21	10	11	13
	14	11	11	21	30	15	16	10	28
	38	12		19	16	19	21		12

TABLE 3

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

Item 3sp - YSTR Results

4U7JHW	PowerPlex® Y 23								
3sp									
68D6J6	Yfiler™ Plus								
3sp	35,39	15	16	13	30	21	10	11	13
	14	11	11	21	30	15	NR	10	NR
	NR	12	NT	NR	16	19	21	NT	NR
6NXWJ4	Yfiler™ Plus								
3sp	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
8863NG	Yfiler™ Plus								
3sp									
8CVZX2	Yfiler™ Plus								
3sp									
DH3UUW	Yfiler™ Plus								
3sp	35,39	NR	17	13	30	21	NR	NR	NR
	14	11	NR	NR	NR	15	NR	10	28
	38	12	NT	19	16	NR	NR	NT	NR
E9UHFJ	Yfiler™ Plus								
3sp	35,39	NR	17	NR	NR	21	10	11	13
	14	NR	11	21	30	NR	16	10	28
	38	12		19	16	19	21		12
HDVWCQ	Yfiler™ Plus								
3sp	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT		NT	NT	NT	NT		NT
MVTNPH	PowerPlex® Y 23								
3sp									
NF7VEG	PowerPlex® Y 23								
3sp									
TZUZJF	Yfiler™ Plus								
3sp	NR	15	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	21	NR	NR	16	NR	NR
	NR	NR	NT	NR	NR	NR	NR	NT	NR
YBQW8B	Yfiler™ Plus								
3sp	NR	NR	NR	NR	NR	NR	NR	NR	NR
	14	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	21		NR

TABLE 3

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

Item 3sp - YSTR Results

Z8Q949	Yfiler™ Plus								
3sp	NR	15	16	13	NR	NR	NR	NR	13
	14	NR	NR	NR	NR	NR	NR	NR	NR
	38	NR		NR	16	NR	NR		NR

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
4ZRKEZ	Yfiler™ Plus								
4	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HWZACN	Yfiler™								
4		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
JTETQM	Yfiler™ Plus								
4	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		14	18	23	23		12
MD9WQJ	Yfiler™								
4		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
V7HC2A	Yfiler™								
4		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
WDFEN8	Yfiler™								
4		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
XJMZPA	Yfiler™ Plus								
4	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z6AT4A	Yfiler™ Plus PCR Amplification Kit								
4	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

279E4Y	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
284PMM	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2A99LX	Yfiler™ Plus								
4e									
2FXW9E	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
2MPBV9	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2Q9H6U	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2V6JKU	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
38UBKK	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3C84H6	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	NR	23		12
3EF9A9	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3H2C8A	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3LB7ZG	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4e - YSTR Results

3QAKLL	PowerPlex® Y 23								
4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
3XU8HF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
3XUKCH	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
4793N2	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
4A48RD	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
4E8JLM	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
4KCM8E	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NSD	17	18	23	23	NSD	12
4LU9GF	PowerPlex® Y 23								
4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4THWCL	PowerPlex® Y 23								
4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4U7JHW	PowerPlex® Y 23								
4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4WE8YQ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	17	18	23	23			12
648FTC	Yfiler™ Plus								
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

68D6J6	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
6NXWJ4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
6PAQ3B	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6TNXZ7	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6WRKZP	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
73CJ8R	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
76DCGE	PowerPlex® Y 23								
4e									
77DKAB	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
78NYQC	Yfiler™ Plus, PowerPlex® Y 23								
4e									
7D7EX4	Yfiler™ Plus PCR Amplification Kit								
4e									
7VK28H	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
7W6KMA	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4e - YSTR Results

847P4C	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8863NG	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8CVZX2	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8DHNA2	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8KRKQF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8LG7ND	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
8NPTNF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8TMAZA	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8ZJFRM	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
93NUZG	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
97P46R	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9A2GL3	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 4e - YSTR Results

9LTATP	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9NMLW9	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9RGTR	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
9W288W	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A4FDG9	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A6MTNE	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A72HWV	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ADKKW9	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AENTXA	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AKE389	Yfiler™ Plus								
4e									
AUXJR2	Yfiler™ Plus PCR Amplification Kit								
4e									
AYY6TA	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

B3G397	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
B4VWYL	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
B89WWC	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BGJYHD	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BN9JX8	Yfiler™ Plus								
4e									
BRET CJ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CMYKNJ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CT9HAN	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D4DMBX	Yfiler™ Plus								
4e									
D7B743	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7LTYJ	Yfiler™ Plus								
4e									
D7U9B4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4e - YSTR Results									
D9AA87	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
D9DRDH	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
DAAGY3	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DH3UUW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
DTPQZ4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DU8UXW	Yfiler™ Plus PCR Amplification Kit								
4e									
DYJTDW	PowerPlex® Y 23, SigPrep - Primer Set B								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16	11	25
		12	12	17	18		23	10	12
E8H6BG	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
E9A2ZB	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
E9UHFD	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
EC9PD9	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ED4XP3	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

EF7JYG	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
EXRWP3	Yfiler™ Plus								
4e									
F2PNJK	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
FEY9BC	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
FFRTNF	PowerPlex® Y 23								
4e									
FYFNED	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
G3NNNA	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
GX8U84	PowerPlex® Y 23								
4e			11,13	13	29	25	11	14	13
		12	12	18		16,17	16		25
		12	12	17	18		23	10	12
H6JXHF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HA8ZEW	Yfiler™								
4e									
HDVWCQ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HEJ2JZ	Yfiler™ Plus								
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

HPTTET	Yfiler™ Plus								
4e	36,37			13	29	25	11		
	15	12	12		30		16		
	37	12		17	18	23	23		
HTJTDH	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
HWNVG4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JDQU6X	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JK9RRG	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
JLZWBE	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JMTPWY	Yfiler™ Plus								
4e									
JUXJ96	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
JX9PFD	Yfiler™ Plus								
4e									
JZ4PUF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KFVEEY	Yfiler™								
4e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A		N/A	N/A		N/A
							N/A		N/A
KMVU67	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

KPZUDW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KQTN9F	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KX9YZH	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
KYN9YB	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
L8AW8H	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
LJBWZT	Yfiler™								
4e									
LPQ6Z7	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
LRLVU6	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
LXN62W	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
LYY8MV	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
M2Z68J	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
M68VXC	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

M7L4EJ	Yfiler™ Plus								
4e	[REDACTED]								
MBCQKW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MHRA2B	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MJJZXW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MKBWC8	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
MRVK92	Yfiler™ Plus								
4e	NR	NR	13	13	NR	25	11	NR	NR
	NR	12	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	23	NR		NR
MVTNPH	PowerPlex® Y 23								
4e	[REDACTED]								
N22PYW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
N24RXW	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		25
		12	12	17	18		23	10	12
NF7VEG	PowerPlex® Y 23								
4e	[REDACTED]								
NKRD6E	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
		15	12	12	18	17	16		
							23		12
NPK3MA	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

NUYA2G	Yfiler™									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		23	
							23		12	
NXU2YU	Yfiler™									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16			
							23		12	
PK8J7T	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
PT4JFE	Yfiler™									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16			
							23		12	
PXD68U	Yfiler™									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16			
							23		12	
PXFQ3A	PowerPlex® Y 23									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
PXMEVK	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
PXYH7Q	Yfiler™									
	4e	14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16			
							23		12	
Q4KHPG	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
Q9Y28Y	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
QE92K	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
QGJTEK	Yfiler™ Plus									
	4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	

TABLE 3

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

Item 4e - YSTR Results

QMFVKA	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QPAHRY	PowerPlex® Y 23								
4e									
QURA6Q	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QY6TM8	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
QZB7KW	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
R4WA6Y	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
R63JWK	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RTB2CD	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RTZBQR	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RWH24W	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
T2ZYRK	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
T3K3QP	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

T9LQE4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
TAZDQQ	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
TW9DQT	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
TZUZJF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
UA6KXQ	PowerPlex® Y 23								
4e									
UCGRKV	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UE9NAP	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UK6TYG	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UKDMKF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UNC7XU	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UR3UTF	Yfiler™ Plus PCR Amplification Kit								
4e									
UVGFCU	Yfiler™ Plus								
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

UWJ4BE	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UWNXBQ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VFWJA4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VN27PD	Yfiler™ Plus PCR Amplification Kit								
4e									
VQVCJF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VUPJYE	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
		12	12	18		17	16		25
		12	12	17	18		23	10	12
VWV9Y3	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
WXXWGF	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
W3JBKD	PowerPlex® Y 23, Signature Prep Primer Set B								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16	11	25
		12	12	17	18		23	10	12
WBFBL4	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
WEYX7J	Yfiler™								
4e		14	11,13	13	29	25	11	14	13
		12	12	18		17	16		
							23		12
WUXBTM	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

WYNMUB	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
X6RBHW	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
X7ZQ6P	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
XA2VQY	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
XAZ22P	Yfiler™ Plus								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
XTFB2P	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
Y4BEQW	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
YBQW8B	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YCE2EJ	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YEKL7Q	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
YHLHX7	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
YLQMQX	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4e - YSTR Results

Z39GRH	Yfiler™ Plus								
4e	[REDACTED]								
Z8Q949	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZFY9FR	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZGTYL8	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZHBF3X	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZM6A3K	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZMKVCL	Yfiler™ Plus								
4e	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZNN2NH	Yfiler™ Plus								
4e	[REDACTED]								
ZNP36A	Yfiler™ Plus PCR Amplification kit								
4e	[REDACTED]								
ZQ2RRJ	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZVMJ3U	PowerPlex® Y 23								
4e		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 4sp - YSTR Results

279E4Y	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
284PMM	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2A99LX	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2FXW9E	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
2MPBV9	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
2Q9H6U	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
2V6JKU	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
38UBKK	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3C84H6	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3EF9A9	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
3H2C8A	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3LB7ZG	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

3QAKLL	PowerPlex® Y 23								
4sp	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
3XU8HF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
3XUKCH	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4793N2	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4A48RD	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4E8JLM	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
4KCM8E	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NSD	17	18	23	23	NSD	12
4LU9GF	PowerPlex® Y 23								
4sp	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4THWCL	PowerPlex® Y 23								
4sp	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4U7JHW	PowerPlex® Y 23								
4sp	14	11,13	13	29	25	11	14	13	
	15	12	12	18	17	16		25	
	12	12	17	18		23	10	12	
4WE8YQ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
648FTC	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

68D6J6	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
6NXWJ4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
6PAQ3B	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6TNXZ7	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
6WRKZP	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
73CJ8R	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
76DCGE	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
77DKAB	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
78NYQC	Yfiler™ Plus, PowerPlex® Y 23								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	12	17	18	23	23	10	12
7D7EX4	Yfiler™ Plus PCR Amplification Kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
7VK28H	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
7W6KMA	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

847P4C	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8863NG	Yfiler™ Plus								
4sp									
8CVZX2	Yfiler™ Plus								
4sp									
8DHNA2	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8KRKQF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8LG7ND	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
8NPTNF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8TMAZA	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
8ZJFRM	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
93NUZG	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
97P46R	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9A2GL3	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

TABLE 3

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

Item 4sp - YSTR Results

9LTATP	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9NMLW9	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
9RGTR	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
9W288W	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A4FDG9	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A6MTNE	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
A72HWV	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ADKKW9	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AENTXA	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AKE389	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AUXJR2	Yfiler™ Plus PCR Amplification Kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
AYY6TA	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

B3G397	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
B4VWYL	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
B89WWC	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BGJYHD	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BN9JX8	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
BRETCJ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CMYKNJ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
CT9HAN	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D4DMBX	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7B743	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7LTYJ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
D7U9B4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

D9AA87	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
D9DRDH	Yfiler™								
4sp									
DAAGY3	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DH3UUW	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
DTPQZ4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DU8UXW	Yfiler™ Plus PCR Amplification Kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
DYJTDW	PowerPlex® Y 23, SigPrep - Primer Set B								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16	11	25
		12	12	17	18		23	10	12
E8H6BG	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
E9A2ZB	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
E9UHFD	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
EC9PD9	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ED4XP3	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

EF7JYG	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
EXRWP3	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
F2PNJK	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
FEY9BC	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
FFRTNF	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
FYFNED	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
G3NNNA	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
GNWRL3	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
GX8U84	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
H6JXHF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HA8ZEW	Yfiler™								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HDVWCQ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

HEJ2JZ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HPTTET	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
HTJTDH	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
HWNVG4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JDQU6X	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JK9RRG	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
JLZWBE	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JMTPWY	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JUXJ96	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
JX9PFD	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
JZ4PUF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
KFVEEY	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

KMWU67	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
KPZUDW	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
KQTN9F	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
KX9YZH	Yfiler™									
	4sp		14	11,13	13	29	25	11	14	13
		15	12	12	18		17	16		
							23			12
KYN9YB	Yfiler™									
	4sp		14	11,13	13	29	25	11	14	13
		15	12	12	18		17	16		
							23			12
L8AW8H	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
LJBWZT	Yfiler™									
	4sp		14	11,13	13	29	25	11	14	13
		15	12	12	18		17	16		
							23			12
LPQ6Z7	PowerPlex® Y 23									
	4sp		24	11,13	13	29	25	11	14	13
		15	12	12	18		17	16		25
		12	12	17	18		23	10		12
LRLVU6	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
LXN62W	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
LYY8MV	Yfiler™ Plus									
	4sp	36,37	14	11,13	13	29	25	11	14	13
		15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23			12
M2Z68J	Yfiler™									
	4sp		14	11,13	13	29	25	11	14	13
		15	12	12	18		17	16		
							23			12

TABLE 3

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

Item 4sp - YSTR Results

M68VXC	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
M7L4EJ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MBCQKW	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MHRA2B	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MJJZXW	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MKBWC8	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
MRVK92	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
MVTNPH	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
N22PYW	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
N24RXW	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
NF7VEG	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
NKRD6E	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

NPK3MA	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
NUYA2G	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
NXU2YU	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
PK8J7T	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
PT4JFE	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
PXD68U	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
PXFQ3A	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
PXMEVK	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
PXYH7Q	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12
Q4KHPG	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Q9Y28Y	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QEQ92K	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

QGJTEK	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QMFVKA	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QPAHRY	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
QURA6Q	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
QY6TM8	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
QZB7KW	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
R4WA6Y	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
R63JWK	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RTB2CD	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RTZBQR	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
RWH24W	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
T2ZYRK	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

T3K3QP	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
T9LQE4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
TAZDQQ	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
TW9DQT	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
TZUZJF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12	NT	17	18	23	23	NT	12
UA6KXQ	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UCGRKV	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UE9NAP	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UK6TYG	Yfiler™ Plus								
4sp									
UKDMKF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UNC7XU	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
UR3UTF	Yfiler™ Plus PCR Amplification Kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

UVGFCU	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UWJ4BE	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
UWNXBQ	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VFWJA4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VN27PD	Yfiler™ Plus PCR Amplification Kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VQVCJF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VUPJYE	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
VWV9Y3	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
VWXWGF	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
W3JBKD	PowerPlex® Y 23, Signature Prep Primer Set B								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16	11	25
		12	12	17	18		23	10	12
WBFBL4	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
WEYX7J	Yfiler™								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

WUXBTM		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
WYNMUB		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
X6RBHW		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
X7ZQ6P		PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
XA2VQY		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
XAZ22P		Yfiler™ Plus								
4sp		14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
XTFB2P		PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
Y4BEQW		PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
YBQW8B		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
YCE2EJ		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	
YEKL7Q		PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13	
	15	12	12	18		17	16		25	
		12	12	17	18		23	10	12	
YHLHX7		Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13	
	15	12	12	18	30	17	16	11	25	
	37	12		17	18	23	23		12	

TABLE 3

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

Item 4sp - YSTR Results

YLQMQX	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z39GRH	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
Z8Q949	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZFY9FR	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZGTYL8	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZHBF3X	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZM6A3K	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZMKVCL	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZNN2NH	Yfiler™ Plus								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZNP36A	Yfiler™ Plus PCR Amplification kit								
4sp	36,37	14	11,13	13	29	25	11	14	13
	15	12	12	18	30	17	16	11	25
	37	12		17	18	23	23		12
ZQ2RRJ	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12
ZVMJ3U	PowerPlex® Y 23								
4sp		14	11,13	13	29	25	11	14	13
	15	12	12	18		17	16		25
		12	12	17	18		23	10	12

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D17S1301	DYJTDW	11,13	12	11,12					11,13
	W3JBKD	11,13	12	11,12					11,13
D20S482	DYJTDW	13,16	14,16	10,14					13,16
	W3JBKD	13,16	14,16	10,14					13,16
D4S2408	DYJTDW	9,11	10	9,11					9,11
	W3JBKD	9,11	10	9,11					9,11
D9S1122	DYJTDW	12,13	12,13	10,12					12,13
	W3JBKD	12,13	12,13	10,12					12,13
DX10148	98UELP	27.1	28.1,32	18					
DXS10074	98UELP	18	15,19	16					
	DYJTDW	18	15,19	16					18
	MVTNPH	18	15,19		16		15,19		18
	W3JBKD	18	15,19	16					18
	XMPUG2	18	15,19	16					
DXS10079	98UELP	20,22	20,21	17					
	MVTNPH	20,22	20,21		17		20,21	20,22	
	XMPUG2	20,22	20,21	17					
DXS10101	98UELP	30.2	29,30	29					
	MVTNPH	30.2	29,30		29		29,30	30.2	
	XMPUG2	30.2	29,30	29					
DXS10103	98UELP	19	19	18					
	DYJTDW	19	19	18					19
	MVTNPH	19	19,19		18		19,19	19	
	W3JBKD	19	19	18					19
	XMPUG2	19	19	18					
DXS10134	98UELP	38.2	34,35	37					
	MVTNPH	38.2	34,35		37		34,35	38.2	

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DXS10134 cont'd	XMPUG2	38.2	34,35	37					
DXS10135	98UELP	27	20,21	17					
	DYJTDW	27	20,21	17					27
	MVTNPH	27	20,21		17			20,21	27
	W3JBKD	27	20,21	17					27
	XMPUG2	27	20,21	17					
DXS10146	98UELP	41.2	34.2,38.2	35.2					
	MVTNPH	41.2	34.2,38.2		35.2			34.2,38.2	41.2
	XMPUG2	41.2	34.2,38.2	35.2					
DXS10148	MVTNPH	27.1	28.1-32		18			28.1-32	27.1
	XMPUG2	27.1	28.1,30	18					
DXS7132	98UELP	15	15	13					
	DYJTDW	15	15	13					15
	MVTNPH	15	15,15		13			15,15	15
	W3JBKD	15	15	13					15
	XMPUG2	15	15	13					
DXS7423	98UELP	14	14,15	15					
	DYJTDW	14	14,15	15					14
	MVTNPH	14	14,15		15			14,15	14
	W3JBKD	14	14,15	15					14
	XMPUG2	14	14,15	15					
DXS8378	98UELP	12	10,12	11					
	DYJTDW	12	10,12	11					12
	MVTNPH	12	10,12		11			10,12	12
	W3JBKD	12	10,12	11					12
	XMPUG2	12	10,12	11					
DYS505	DYJTDW	12	NR	12				12	12
	W3JBKD	12	NR	12				12	12
DYS522	DYJTDW	11	NR	12				11	11

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DYS522 cont'd	W3JBKD	11	NR	12				11	11
DYS612	DYJTDW	31	NR	26				31	31
	W3JBKD	31	NR	26				31	31
F13A01	78NYQC	6,6	3,2,6	5,7				3,2,6	6,6
F13B	78NYQC	9,10	7,9	6,8				7,9	9,10
FESFPS	78NYQC	10,12	11,12	11,13				11,12	10,12
HPRTB	98UELP	12	14	13					
	DYJTDW	12	14	13					12
	MVTNPH	12	14,14			13		14,14	12
	W3JBKD	12	14	13					12
	XMPUG2	12	14	13					
LPL	78NYQC	10,13	10,12	9,12				10,12	10,13
PENTA C	78NYQC	8,11	10,14	9,12				10,14	8,11
QS1	B4VWYL	Q	Q	Q				Q	Q
	D4DMBX	Q	Q	Q				Q	Q
	KYN9YB	Q	Q	Q				Q	Q
QS2	B4VWYL	S	S	S				S	S
	D4DMBX	S	S	S				S	S
	KYN9YB	S	S	S				S	S

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16051.0	16129.0	16183.0	16189.0	16193.0	16193.1	16362.0	16519.0
ITEM 1								
43X2W6	A-G	G-C	A-C	T-C			T-C	
7D7EX4	G	C	C	C			C	
98UJLP	G	C	C	C			C	
AUXJR2	G	C	C	C			C	
DU8UXW	G	C	C	C			C	
DYJTDW	G	C	C	C	C	N	C	
ELJ9P4	G	C	C	C			C	
FWAFVK	G	C	C	C			C	
GLLQPK	G	C	C	C			C	C
GNWRL3	G	C	C	C			C	C
HPTTET	G	C	C	C			C	
MVTNPH	G	C	C	C			C	C
UR3UTF	G	C	C	C			C	
VN27PD	G	C	C	C			C	
W3JBKD	G	C	C	C	C	N	C	
X46D37	G	C	C	C			C	
XMPUG2	G	C	C	C			C	
Z37XK7	G	C	C	C			C	C
Z6AT4A	G	C	C	C			C	
ZNP36A	G	C	C	C			C	

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16129.0	16223.0	16278.0	16294.0	16309.0	16368.0	16390.0	16519.0
ITEM 2								
43X2W6	G-A	C-T	C-T	C-T	A-G	T-C	G-A	
7D7EX4	A	T	T	T	G			
98UJLP	A	T	T	T	G	C	A	
AUXJR2	A	T	T	T	G			
DU8UXW	A	T	T	T	G			
DYJTDW	A	T	T	T	G			
ELJ9P4	A	T	T	T	G	C		
FWAFVK	A	T	T	T	G	C	A	
GLLQPK	A	T	T	T	G	C	A	C
GNWRL3	A	T	T	T	G	C	A	C
HPTTET	A	T	T	T	G			
MVTNPH	A	T	T	T	G	C	A	C
UR3UTF	A	T	T	T	G			
VN27PD	A	T	T	T	G			
W3JBKD	A	T	T	T	G			
X46D37	A	T	T	T	G			
XMPUG2	A	T	T	T	G	C	A	
Z37XK7	A	T	T	T	G	C	A	C
Z6AT4A	A	T	T	T	G			
ZNP36A	A	T	T	T	G			

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16209.0	16218.0	16223.0	16292.0	16311.0	16519.0
ITEM 3						
43X2W6	T-C	C-T	C-T	C-T	T-C	
98UJLP	C	T	T	T	C	
DYJTDW	C	T	T	T	C	
ELJ9P4	C	T	T	T	C	
FWAFVK	C	T	T	T	C	
GLLQPK	C	T	T	T	C	C
GNWRL3	C	T	T	T	C	C
HPTTET		T	T	T	C	
MVTNPH	C	T	T	T	C	C
W3JBKD	C	T	T	T	C	
X46D37	C	T	T	T	C	
XMPUG2	C	T	T	T	C	
Z37XK7	C	T	T	T	C	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
43X2W6	16024-16387	16024-16395	16024-16384	
7D7EX4	16024-16365	16024-16365		
98UJLP	15998-16390	15998-16390	15998-16390	
AUXJR2	16024-16365	16024-16365		
DU8UXW	16024-16365	16024-16365		
DYJTDW	16024-16365	16024-16365	16024-16365	
ELJ9P4	16019-16374	16019-16374	16019-16374	
FWAFVK	15998-16390	15998-16390	15998-16390	
GLLQPK	16024-16569	16024-16569	16024-16569	
GNWRL3	16024-16569	16024-16569	16024-16569	
HPTTET	16024-16365	16024-16365	16024-16365	16024-16365
MVTNPH	16024 a 16365	16024 a 16365	16024 a 16365	16024 a 16365
UR3UTF	16024-16365	16024-16365		
VN27PD	16024-16365	16024-16365		
W3JBKD	16024-16365	16024-16365	16024-16365	
X46D37	16024-16365	16024-16365	16024-16365	Mixture - Not Reported
XMPUG2	15998-16390	15998-16390	15998-16390	
Z37XK7	16024-16569	16024-16569	16024-16569	Not Processed
Z6AT4A	16024-16365	16024-16365		
ZNP36A	16024-16365	16024-16365		

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	152.0	200.0	217.0	263.0	309.0	309.1	309.2	315.0	315.1	340.0	508.0	524.1	524.2
ITEM 1														
43X2W6	A-G	T-C	A-G	T-C	A-G		additio nal C			additio nal C	C-T			
7D7EX4	G	C	G	C	G		C			C	T			
98UELP	G	C	G	C	G		C			C	T			
AUXJR2	G	C	G	C	G		C			C	T			
DU8UXW	G	C	G	C	G		C			C	T			
DYJTDW	G	C	G	C	G		C	C		C	T			
ELJ9P4	G	C	G	C	G		C			C	T			
FWAFVK	G	C	G	C	G		C			C	T			
GLLQPK	G	C	G	C	G		C			C	T	G	A	C
GNWRL3	G	C	G	C	G		C			C	T			
HPTTET	G	C	G	C	G		C			C	T			
MVTNPH	G	C	G	C	G		C			C	T			
UR3UTF	G	C	G	C	G		C			C	T			
VN27PD	G	C	G	C	G		C			C	T			
W3JBKD	G	C	G	C	G		C	C		C	T			
X46D37	G	C	G	C	G	.1C			.1C		T			
XMPUG2	G	C	G	C	G		C			C	T			
Z37XK7	G	C	G	C	G						T	G	A INS	C INS
Z6AT4A	G	C	G	C	G		C			C	T			
ZNP36A	G	C	G	C	G		C			C	T			

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	146.0	152.0	195.0	263.0	309.0	309.1	309.2	309.3	315.0	315.1	524.1	524.2
ITEM 2													
43X2W6	A-G	T-C	T-C	T-C	A-G		additio nal C	additio nal C			additio nal C		
7D7EX4	G	C	C	C	G		C				C		
98UELPL	G	C	C	C	G		C	C			C		
AUXJR2	G	C	C	C	G		C				C		
DU8UXW	G	C	C	C	G		C				C		
DYJTDW	G	C	C	C	G		C	C	C		C		
ELJ9P4	G	C	C	C	G		C	C			C		
FWAFVK	G	C	C	C	G		C	C			C		
GLLQPK	G	C	C	C	G		C	C			C	A	C
GNWRL3	G	C	C	C	G		C	C			C		
HPTTET	G	C	C	C	G		C	C			C		
MVTNPH	G	C	C	C	G		C				C		
UR3UTF	G	C	C	C	G		C				C		
VN27PD	G	C	C	C	G		C				C		
W3JBKD	G	C	C	C	G		C	C	C		C		
X46D37	G	C	C	C	G	.1C				.1C			
XMPUG2	G	C	C	C	G		C	C			C		
Z37XK7	G	C	C	C	G							A INS	C INS
Z6AT4A	G	C	C	C	G		C				C		
ZNP36A	G	C	C	C	G		C				C		

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	150.0	189.0	200.0	263.0	315.0	315.1
ITEM 3							
43X2W6	A-G	C-T	A-G	A-G	A-G		additio nal C
98UJLP	G	T	G	G	G		C
DYJTDW	G	T	G	G	G		C
ELJ9P4	G	T	G	G	G		C
FWAFVK	G	T	G	G	G		C
GLLQPK	G	T	G	G	G		C
GNWRL3	G	T	G	G	G		C
HPTTET	G	T	G	G	G		C
MVTNPH	G	T	G	G	G		C
W3JBKD	G	T	G	G	G		C
X46D37	G	T	G	G	G	.1C	
XMPUG2	G	T	G	G	G		C
Z37XK7	G	T	G	G	G		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
43X2W6	53-381	50-389	47-389	
7D7EX4	73-340	73-340		
98UJLP	49-402	49-402	49-402	
AUXJR2	73-340	73-340		
DU8UXW	73-340	73-340		
DYJTDW	73-340	73-340	73-340	
ELJ9P4	61-385	61-385	61-385	
FWAFVK	49-402	49-402	49-402	
GLLQPK	1-560	1-565	1-576	
GNWRL3	1-380	1-380	1-380	
HPTTET	73-340	73-340	73-340	73-340
MVTNPH	73 a 340	73 a 340.	73 a 340.	73 a 340.
UR3UTF	73-340	73-340		
VN27PD	73-340	73-340		
W3JBKD	73-340	73-340	73-340	
X46D37	73-340	73-340	73-340	Mixture - Not Reported
XMPUG2	49-402	49-402	49-402	
Z37XK7	1-302, 316-576	1-302, 316-576	1-302, 316-576	Not Processed
Z6AT4A	73-340	73-340		
ZNP36A	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	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
22V7PU	No	Yes	No	Yes	3L2ZWR	No	Yes	No	Yes
279E4Y	No	Yes	No	Yes	3LB7ZG	No	Yes	No	Yes
284PMM	No	Yes	No	Yes	3LDQWW	No	Yes	No	Yes
2A99LX	No	Yes	No	Yes	3NQWBP	No	Yes	No	Yes
2BKWBM	No	Yes	No	Yes	3PW398	No	Yes	No	Yes
2CF676	No	Yes	No	Yes	3QAKLL	No	Yes	No	Yes
2DQF2K	No	Yes	No	Yes	3QBG6F	No	Yes	No	Yes
2FXW9E	No	Yes	No	Yes	3UP3PN	No	Yes	No	Yes
2G7EF3	No	Yes	No	Yes	3UVTWB	No	Yes	No	Yes
2L32CC	No	Yes	No	Yes	3XU8HF	No	Yes	No	Yes
2LGZ6W	No	Yes	No	Yes	3XUKCH	No	Yes	No	Yes
2MPBV9	No	Yes	No	Yes	4296P3	No	Yes	No	Yes
2NE9QL	No	Yes	No	Yes	43D3WL	No	Yes	No	Yes
2Q9H6U	No	Yes	No Interp	No Interp	43X2W6	No	No Interp	No	No Interp
2RDKLL	No	Yes	No	Yes	478N4G	No	Yes	No	Yes
2RPFWU	No Interpretations Reported, DNA Analyzed for Database purposes only.				4793N2	No	Yes	No	Yes
2TK7TX	No	Yes	No	Yes	48MMGC	No	Yes	No	Yes
2V4YV3	No	Yes	No	Yes	4A48RD	No	Yes	No	Yes
2V6JKU	No	Yes	No	Yes	4B96YW	No	Yes	No	Yes
2ZTLFA	No	Yes	No	Yes	4E8JLM	No	Yes	No	Yes
33FMY3	No	Yes	No	Yes	4GYATP	No	Yes	No	Yes
343BV9	No	Yes	No	Yes	4KCM8E	No	Yes	No	Yes
36M279	No	Yes	No	Yes	4LMCP6	No	Yes	No	Yes
36QKCK	No	Yes	No	Yes	4LU9GF	No	Yes	No	Yes
38UBKK	No	Yes	No	Yes	4M4JW9	No	Yes	No	Yes
3C84H6	No	Yes	No	Yes	4PUK3W	No	Yes	No	Yes
3CMCKE	No	Yes	No	Yes	4QNB9B	No	Yes	No	Yes
3DQ8R4	No	Yes	No	Yes	4THWCL	No	Yes	No	Yes
3EF9A9	No	Yes	No	Yes	4TPCBT	No	Yes	No	Yes
3H2C8A	No	Yes	No	Yes	4U7JHW	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4WE8YQ	No	Yes	No	Yes	7ULX4F	No	Yes	No	Yes
4ZFNKF	No	Yes	No	Yes	7UWNPZ	No	Yes	No	Yes
4ZRKEZ	No	Yes	No	Yes	7V28H3	No	Yes	No	Yes
648FTC	No	Yes	No	Yes	7VK28H	No	Yes	No	Yes
64A2JP	No	Yes	No	Yes	7W6KMA	No	Yes	No	Yes
66EV24	No	Yes	No	Yes	7WK4WM	No	Yes	No	Yes
68D6J6	No	Yes	No Interp	No Interp	7XYZZ7	No	Yes	No	Yes
6DH26P	No	Yes	No	Yes	7ZGF72	No	Yes	No	Yes
6EPJ4L	No	Yes	No	Yes	847P4C	No	Yes	No	Yes
6JZ8DD	No	Yes	No	Yes	84ZXVP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6MKUED	No	Yes	No	Yes	8863NG	No	Yes	No	Yes
6NRALJ	No	Yes	No	Yes	8AMX26	No	Yes	No	Yes
6NXWJ4	No	Yes	No Interp	No Interp	8CENQF	No	Yes	No	Yes
6PAQ3B	No	Yes	No	Yes	8CGH6F	No	Yes	No	Yes
6R2MR6	No	Yes	No	Yes	8CVZX2	No	Yes	No	Yes
6RGDUG	No	Yes	No	Yes	8CYWN4	No	Yes	No	Yes
6TNXZ7	No	Yes	No	Yes	8D7PC8	No	Yes	No	Yes
6WP2UD	No	Yes	No	Yes	8DHNA2	No	Yes	No	Yes
6WRKZP	No	Yes	No Interp	No Interp	8GJPAY	No	Yes	No	Yes
6WRW23	No	Yes	No	Yes	8KRKQF	No	Yes	No	Yes
6XJR9Q	No	Yes	No	Yes	8LG7ND	No	Yes	No	Yes
73CJ8R	No	Yes	No	Yes	8NB6K4	No	Yes	No	Yes
746ZCG	No	Yes	No	Yes	8NPTNF	No	Yes	No	Yes
74ZNFM	No	Yes	No	Yes	8PL773	No	Yes	No	Yes
76DCGE	No	Yes	No	Yes	8TMAZA	No	Yes	No	Yes
77DKAB	No	Yes	No	Yes	8UT7HP	No	Yes	No	Yes
78NYQC	No	Yes	No	Yes	8Y64XN	No	Yes	No	Yes
7D7EX4	No	Yes	No	No Interp	8ZJFRM	No	Yes	No	Yes
7EJYPE	No	Yes	No	Yes	8ZKCCG	No Interp	No Interp	No Interp	No Interp
7EXL22	No	Yes	No	Yes	8ZPRNH	No	Yes	No	Yes
7HYPTN	No	Yes	No	Yes	93NUZG	No	Yes	No	Yes
7P8TEF	No	Yes	No	Yes	94ET2F	No	Yes	No	Yes
7R7DKZ	No	Yes	No	Yes	97P46R	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
98AKW9	No	Yes	No	Yes	AQAR8C	No	Yes	No	Yes
98UELP	No	No Interp	No	No Interp	AQQDNL	No	Yes	No	Yes
98XBA7	No	Yes	No	Yes	ARJUUA	No	Yes	No	Yes
9A2GL3	No	Yes	No	Yes	AUQPKL	No	Yes	No	Yes
9CDJX6	No	Yes	No	Yes	AUXJR2	No	Yes	No	No Interp
9FC2VW	No	Yes	No	Yes	AV6NNP	No	Yes	No	Yes
9G2XZE	No	Yes	No	Yes	AWAA4R	No	Yes	No	Yes
9K9LZG	No	Yes	No	Yes	AWBXTX	No	Yes	No	Yes
9LTATP	No	Yes	No	Yes	AYKLAC	No	Yes	No	Yes
9NMLW9	No	Yes	No	Yes	AYY6TA	No	Yes	No	Yes
9PUBV8	No	Yes	No	Yes	AZ6CLX	No	Yes	No	Yes
9QL8K2	No	Yes	No	Yes	B3F6XB	No	Yes	No	Yes
9RGTDR	No	Yes	No	Yes	B3G397	No	Yes	No	Yes
9UUPA2	No	Yes	No	Yes	B3Y96B	No	Yes	No	Yes
9W288W	No	Yes	No Interp	No Interp	B4VWYL	No	Yes	No	Yes
9WUQKF	No	Yes	No	Yes	B7FFTb	No	Yes	No	Yes
9Y7X9K	No	Yes	No	Yes	B7UZ3N	No	Yes	No	Yes
9YERF2	No	Yes	No	Yes	B7XHAZ	No	Yes	No	Yes
A3MWCL	No	Yes	No	Yes	B89WWC	No	Yes	No	Yes
A4FDG9	No	Yes	No	Yes	BAU2DJ	No	Yes	No	Yes
A6MTNE	No	Yes	No	Yes	BAUBYN	No	Yes	No	Yes
A72HWV	No	Yes	No	Yes	BCWAAG	No	Yes	No	Yes
A7CU4Y	No	Yes	No	Yes	BDAJMN	No	Yes	No	Yes
A8QWED	No	Yes	No	Yes	BGJYHD	No	Yes	No	Yes
ABZ4UB	No	Yes	No	Yes	BL3Y8L	No	Yes	No	Yes
ADKKW9	No	Yes	No	Yes	BM4L7B	No	Yes	No	Yes
ADKXPQ	No	Yes	No	Yes	BN9JX8	No	Yes	No	Yes
AENTXA	No	Yes	No	Yes	BNZ8TA	No	Yes	No	Yes
AFMVZJ	No	Yes	No	Yes	BNZR94	No	Yes	No	Yes
AHTDYE	No	Yes	No	Yes	BRETCJ	No	Yes	No	Yes
AKE389	No	Yes	No	Yes	BX8A6F	No	Yes	No	Yes
ANRZEV	No	Yes	No	Yes	BYHBTZ	No	Yes	No	Yes
AP8AH4	No	Yes	Yes	No	BZN8BE	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
C3PU39	No	Yes	No	Yes	DHDD9V	No	Yes	No	Yes
C6LEER	No	Yes	No	Yes	DQPMHA	No	Yes	No	Yes
C78UG4	No	Yes	No	Yes	DTPQZ4	No	Yes	No	Yes
C7LHHV	No	Yes	No	Yes	DU8UXW	No	Yes	No	No Interp
C933RW	No	Yes	No	Yes	DUNYEA	No	Yes	No	Yes
CC2DNW	No	Yes	No	Yes	DUYZNU	No	Yes	No	Yes
CE4R8D	No	Yes	No	Yes	DXWG3A	No	Yes	No	Yes
CG3CMW	No	Yes	No	Yes	DY6739	No	Yes	No	Yes
CJZFXH	No	Yes	No	Yes	DYJTDW	No	Yes	No	Yes
CKAK39	No	Yes	No	Yes	E28J38	No	Yes	No	Yes
CMYKNJ	No	Yes	No	Yes	E83J2F	No	Yes	No	Yes
CMYTHM	No	Yes	No	Yes	E8H6BG	No	Yes	No	Yes
CRE27L	No	Yes	No	Yes	E8YYCR	No	Yes	No	Yes
CT9HAN	No	Yes	No	Yes	E9A2ZB	No	Yes	No	Yes
CUGMPX	No	Yes	No	Yes	E9RBXF	No	Yes	No	Yes
CVHU8C	No	Yes	No	Yes	E9RJRH	No	Yes	No	Yes
CVUMQV	No	Yes	No	Yes	E9UHFD	No	Yes	No Interp	No Interp
CYPH8A	No	Yes	No	Yes	EAX67K	No	Yes	No	Yes
D37A6F	No	Yes	No	Yes	EBRVCY	No	Yes	No	Yes
D3BMRB	No	Yes	No	Yes	EC9PD9	No	Yes	No	Yes
D4DMBX	No	Yes	No	Yes	ED4XP3	No	Yes	No	Yes
D6X7T9	No	Yes	No	Yes	EDML7W	No	Yes	No	Yes
D788MW	No	Yes	No	Yes	EF7JYG	No	Yes	No Interp	No Interp
D7B743	No	Yes	No	Yes	EFAT8G	No	Yes	No	Yes
D7LTYJ	No	Yes	No	Yes	EFLPAZ	No	Yes	No	Yes
D7U9B4	No	Yes	No	Yes	EJ98RK	No	Yes	No	Yes
D9AA87	No	Yes	No	Yes	EK3XXZ	No	Yes	No	Yes
D9DRDH	No	Yes	No	Yes	ELJ9P4	No	Yes	No	Yes
DAAGY3	No	Yes	No	Yes	ENYU9C	No	Yes	No	Yes
DCVX23	No	Yes	No	Yes	EPLEG9	No	Yes	No	Yes
DENQWL	No	Yes	No	Yes	EPYBKR	No	Yes	No	Yes
DFCE3W	No	Yes	No	Yes	EQWQ7K	No	Yes	No	Yes
DH3UUW	No	Yes			EXNEHQ	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EXRWP3	No	Yes	No	Yes	GJKD76	No	Yes	No	Yes
EYXEMX	No	Yes	No	Yes	GLLQPK	No	Yes	No	Yes
F2M3V3	No	Yes	No	Yes	GNWRL3	No	Yes	No	Yes
F2PNJK	No	Yes	No	Yes	GRCE7C	No	Yes	No	Yes
F2ZLJV	No	Yes	No	Yes	GX8U84	No	Yes	No	Yes
F63NFC	No	Yes	No	Yes	H6JXHF	No	Yes	No	Yes
F6MDPH	No	Yes	No	Yes	H82RV4	No	Yes	No	Yes
F8DFXQ	No Interp	No Interp	No Interp	No Interp	H9TQA2	No	Yes	No	Yes
F977RL	No	Yes	No	Yes	HA8ZEW	No	Yes	No	Yes
FBJ7DY	No	Yes	No	Yes	HDF6BG	No	Yes	No	Yes
FBUVXK	No	Yes	No	Yes	HDVWCQ	No	Yes	No Interp	No Interp
FBY2PE	No	Yes	No	Yes	HE84PE	No	Yes	No	Yes
FET7UK	No	Yes	No	Yes	HEJ2JZ	No	Yes	No	Yes
FEY9BC	No	Yes	No	Yes	HFVQVP	No	Yes	No	Yes
FFRTNF	No	Yes	No	Yes	HLGQ3P	No	Yes	No	Yes
FGKAU6	No	Yes	No	Yes	HPTTET	No	Yes	No	Yes
FHWPN7	No	Yes	No	Yes	HTJTDH	No	Yes	No	Yes
FKXVP7	No	Yes	No	Yes	HVWYRB	No	Yes	No	Yes
FL86FH	No	Yes	No	Yes	HWNVG4	No	Yes	No	Yes
FNX4UG	No	Yes	No	Yes	HWZACN	No	Yes	No	Yes
FR3XLH	No	Yes	No	Yes	HXWG62	No	Yes	No	Yes
FWAFVK	No	No Interp	No	No Interp	J77YYN	No	Yes	No	Yes
FYFNED	No	Yes	No	Yes	J8MVRM	No	Yes	No	Yes
G2MFRC	No	Yes	No	Yes	J9PJKE	No	Yes	No	Yes
G3NNNA	No	Yes	No	Yes	JBC3LC	No	Yes	No	Yes
G79FYC	No	Yes	No	Yes	JBGHYD	No	Yes	No	Yes
GC2B6Q	No	Yes	No	Yes	JBL8MM	No	Yes	No	Yes
GC6276	No	Yes	No	Yes	JCRGV8	No	Yes	No	Yes
GFF9DD	No	Yes	No	Yes	JDQU6X	No	Yes	No	Yes
GFK2A6	No	Yes	No	Yes	JJZBDL	No	Yes	No	Yes
GGTMY2	No	Yes	No	Yes	JK9RRG	No	Yes	No	Yes
GH7H2K	No	Yes	No	Yes	JLZWBE	No	Yes	No	Yes
GHCXYX	No	Yes	No	Yes	JMTPWY	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JTETQM	No	Yes	No	Yes	LMQ6NT	No	Yes	No	Yes
JUHR7T	No	Yes	No	Yes	LPQ6Z7	No	Yes	No	Yes
JUXJ96	No	Yes	No	Yes	LQH2PZ	No	Yes	No	Yes
JVU4V6	No Interp	No Interp	No Interp	No Interp	LRLVU6	No	Yes	No	Yes
JWK3A3	No Interpretations Reported, DNA Analyzed for Database purposes only.				LRWLFP	No	Yes	No	Yes
JX9PFD	No	Yes	No	Yes	LRYP9J	No	Yes	No	Yes
JXV2EL	No	Yes	No	Yes	LXN62W	No	Yes	No	Yes
JZ4PUF	No	Yes	No	Yes	LYY8MV	No	Yes	No	Yes
K7E4NT	No	Yes	No	Yes	M2Z68J	No	Yes	No	Yes
KAZL7D	No	Yes	No	Yes	M68VXC	No	Yes	No	Yes
KF6GRY	No	Yes	No	Yes	M6FDVJ	No	Yes	No	Yes
KFB7G9	No	Yes	No	Yes	M7JYLV	No	Yes	No	Yes
KFVEEY	No	Yes	No	Yes	M7L4EJ	No	Yes	No	Yes
KJBZY8	No	Yes	No	Yes	M8T4YJ	No	Yes	No	Yes
KMACU8	No	Yes	No	Yes	MBCQKW	No	Yes	No	Yes
KMVU67	No	Yes	No	Yes	MD9WQJ	No	Yes	No	Yes
KPZUDW	No	Yes	No	Yes	MGBQQA	No	Yes	No	Yes
KQ4H63	No	Yes	No	Yes	MHCHZ2	No	Yes	No	Yes
KQTN9F	No	Yes	No	Yes	MHRA2B	No	Yes	No	Yes
KTGRQ9	No	Yes	No	Yes	MJ2RYH	No	Yes	No	Yes
KTUGJ2	No	Yes	No	Yes	MJJZXW	No	Yes	No	Yes
KV9MF3	No	Yes	No	Yes	MKBWC8	No	Yes	No	Yes
KX9YZH	No	Yes	No	Yes	MKR2U6	No	Yes	No	Yes
KYN9YB	No	Yes	No	Yes	MLK4BT	No	Yes	No	Yes
L3XVZT	No	Yes	No	Yes	MNC3PR	No	Yes	No	Yes
L8AW8H	No	Yes	No	Yes	MNY9LW	No	Yes	No	Yes
L93UD4	No	Yes	No	Yes	MRVK92	No	Yes	No	Yes
LCAHD7	No	Yes	No	Yes	MVTNPH	No	Yes	No	Yes
LDXLJF	No	Yes	No	Yes	MVV9LY	No	Yes	No	Yes
LEPUJJ	No	Yes	No	Yes	MYRTR4	No	Yes	No	Yes
LERCPU	No	Yes	No	Yes	N22PYW	No	Yes	No	Yes
LHN6EJ	No	Yes	No	Yes	N24RXW	No	Yes	No	Yes
LJBWZT	No	Yes	No	Yes	N2TDVU	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
N6HDG6	No	Yes	No	Yes	Q9Y28Y	No	Yes	No	Yes
N7RM8G	No	Yes	No	Yes	QEQ92K	No	Yes	No	Yes
N9KW4	No	Yes	No	Yes	QFBEPY	No	Yes	No	Yes
NF7VEG	No	Yes	No	Yes	QFNLK8	No	Yes	No	Yes
NF9FBW	No	Yes	No	Yes	QGJTEK	No	Yes	No	Yes
NK9MVU	No	Yes	No	Yes	QJNPEE	No	Yes	No	Yes
NKRD6E	No	Yes	No	Yes	QLHAQE	No	Yes	No	Yes
NPK3MA	No	Yes	No	Yes	QLHJ3M	No	Yes	No	Yes
NPX48K	No	Yes	No	Yes	QM7M9W	No	Yes	No	Yes
NRP3LJ	No	Yes	No	Yes	QMFVKA	No	Yes	No	Yes
NRW9YX	No	Yes	No	Yes	QMNZAE	No	Yes	No	Yes
NU26XL	No	Yes	No	Yes	QN38W	No	Yes	No	Yes
NUBPE7	No	Yes	No	Yes	QPAHRY	No	Yes	No	Yes
NUYA2G	No	Yes	No	Yes	QQCK2G	No	Yes	No	Yes
NXU2YU	No	Yes	No	Yes	QQVJYE	No	Yes	No	Yes
P2QZTJ	No	Yes	No	Yes	QTTH7U	No	Yes	No	Yes
P3RMWA	No	Yes	No	Yes	QUCH4F	No	Yes	No	Yes
P6XR3N	No	Yes	No	Yes	QURA6Q	No	Yes	No	Yes
P779GH	No	Yes	No	Yes	QVEJNM	No	Yes	No	Yes
PB2BB9	No	Yes	No	Yes	QY2279	No	Yes	No	Yes
PFTE8V	No	Yes	No	Yes	QY6TM8	No	Yes	No	Yes
PK8J7T	No	Yes	No	Yes	QZB7KW	No	Yes	No	Yes
PT4JFE	No	Yes	No	Yes	QZHKEN	No	Yes	No	Yes
PWP2XZ	No	Yes	No	Yes	R27FE3	No	Yes	No	Yes
PXBE9A	No	Yes	No	Yes	R4TH6J	No	Yes	No	Yes
PXD68U	No	Yes	No	Yes	R4WA6Y	No	Yes	No	Yes
PXFQ3A	No	Yes	No	Yes	R63JWK	No	Yes	No	Yes
PXMEVK	No	Yes	No	Yes	R7LN32	No	Yes	No	Yes
PXYH7Q	No	Yes	No	Yes	R9H4PR	No	Yes	No	Yes
PZDDB6	No	Yes	No	Yes	RBDM4X				
PZFY8K	No	Yes	No	Yes	RET9N7	No	Yes	No	Yes
Q4KHPG	No	Yes	No Interp	No Interp	RGKGDE	No	Yes	No	Yes
Q64ABF	No	Yes	No	Yes	RHNYZJ	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RHTGRG	No	Yes	No	Yes	U6CCW6	No	Yes	No	Yes
RT9FEC	No	Yes	No	Yes	U6V6N2	No	Yes	No	Yes
RTB2CD	No	Yes	No	Yes	U8MZDV	No	Yes	No	Yes
RTZBQR	No	Yes	No	Yes	UA6KXQ	No	Yes	No	Yes
RUKTH9	No	Yes	No	Yes	UB4JGY	No	Yes	No	Yes
RWH24W	No	Yes	No	Yes	UCGRKV	No	Yes	No Interp	No Interp
RZBWBF	No	Yes	No	Yes	UCKN32	No	Yes	No	Yes
T2ZYRK	No	Yes	No	Yes	UE9NAP	No	Yes	No	Yes
T3K3QP	No	Yes	No	Yes	UK6TYG	No	Yes	No	Yes
T7GQ6B	No	Yes	No	Yes	UKDMKF	No	Yes	No Interp	No Interp
T7X3MG	No	Yes	No	Yes	UKX2BD	No	Yes	No	Yes
T8DTPT	No	Yes	No	Yes	UNC7XU	No	Yes	No	Yes
T9LQE4	No	Yes	No	Yes	UP9QKT	No	Yes	No	Yes
TAZDQQ	No	Yes	No	Yes	UR3UTF	No	Yes	No	No Interp
TBBMU3	No	Yes	No	Yes	URMLQ8	No	Yes	No	Yes
TBNZW2	No	Yes	No	Yes	URVXUA	No	Yes	No	Yes
TDFYBY	No	Yes	No	Yes	UTMC63	No	Yes	No	Yes
TEV8NR	No	Yes	No	Yes	UVGFCU	No	Yes	No	Yes
TK379B	No	Yes	No	Yes	UWJ4BE	No	Yes	No	Yes
TL6HKE	No	Yes	No	Yes	UWNXBQ	No	Yes	No	Yes
TLQAQ4	No	Yes	No	Yes	UXC7R2	No	Yes	No	Yes
TPNQYU	No	Yes	No	Yes	V2BGM2	No	Yes	No	Yes
TQ7GE3	No	Yes	No	Yes	V3AAMX	No	Yes	No	Yes
TQGGZD	No	Yes	No	Yes	V427BR	No	Yes	No	Yes
TTTELU	No	Yes	No	Yes	V73TGD	No	Yes	No	Yes
TUL3XC	No	Yes	No	Yes	V7HC2A	No	Yes	No	Yes
TW9DQT	No	Yes	No	Yes	V7KXWQ	No	Yes	No	Yes
TY834Q	No	Yes	No	Yes	V847DA	No	Yes	No	Yes
TYF7R2	No	Yes	No	Yes	V8JZYY	No	Yes	No	Yes
TZUZJF	No Interp	No Interp			VDVDWH	No	Yes	No	Yes
U42JVB	No	Yes	No	Yes	VEFZY2	No	Yes	No	Yes
U49XQ3	No	Yes	No	Yes	VF24CT	No	Yes	No	Yes
U6AQZP	No	Yes	No	Yes	VFWJA4	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VFXNZT	No	Yes	No	Yes	WYNMUB	No	Yes	No	Yes
VHV8M2	No	Yes	No	Yes	X46D37	No	No Interp	No	No Interp
VHZMY2	No	Yes	No	Yes	X4UDGV	No	Yes	No	Yes
VJCAJ2	No	Yes	No	Yes	X6RBHW	No	Yes	No	Yes
VJCJ67	No	Yes	No	Yes	X7ZQ6P	No	Yes	No	Yes
VKH6UR	No	Yes	No	Yes	X8GFFA	No	Yes	No	Yes
VN27PD	No	Yes	No	No Interp	XA2VQY	No	Yes	No Interp	No Interp
VNPRR9	No	Yes	No	Yes	XAZ22P	No	Yes	No	Yes
VQ8L7H	No	Yes	No	Yes	XDJ2EJ	No	Yes	No	Yes
VQJFEB	No	Yes	No	Yes	XGHC9X	No	Yes	No	Yes
VQVCJF	No	Yes	No	Yes	XGZGFD	No	Yes	No	Yes
VTYKKF	No	Yes	No	Yes	XJB9WR	No	Yes	No	Yes
VUPJYE	No	Yes	No	Yes	XJMZPA	No	Yes	No	Yes
VUXMMP	No	Yes	No	Yes	XMPUG2	No	No Interp	No	No Interp
WQ7GG	No	Yes	No	Yes	XTFB2P	No	Yes	No	Yes
WVW9Y3	No	Yes	No	Yes	XTNPRK	No	Yes	No	Yes
WVXWGF	No	Yes	No	Yes	XVY9DB	No	Yes	No	Yes
W26P9Q	No	Yes	No	Yes	XYFQGD	No	Yes	No	Yes
W2EH4J	No	Yes	No	Yes	XZT8MZ	No	Yes	No	Yes
W2WAC4	No	Yes	No	Yes	Y2EBVX	No	Yes	No	Yes
W3JBKD	No	Yes	No	Yes	Y4BEQW	No	Yes	No	Yes
W4VY6D	No	Yes	No	Yes	Y4WREA	No	Yes	No	Yes
W6CVWD	No	Yes	No	Yes	Y8R6ZV	No	Yes	No	Yes
W9PVT4	No	Yes	No	Yes	YAB7X3	No	Yes	No	Yes
WBFBL4	No	Yes	No	Yes	YBQW8B	No	Yes	No Interp	No Interp
WCUZLV	No	Yes	No	Yes	YCE2EJ	No	Yes	No	Yes
WDFEN8	No	Yes	No	Yes	YDTQHW	No	Yes	No	Yes
WEYX7J	No	Yes	No	Yes	YEKL7Q	No	Yes	No	Yes
WGGE8D	No	Yes	No	Yes	YEUHQN	No	Yes	No	Yes
WHVMC8	No	Yes	No	Yes	YFKG6M	No	Yes	No	Yes
WKFP4C	No	Yes	No	Yes	YGG2RL	No	Yes	No	Yes
WUXBTM	No	Yes	No	Yes	YH878N	No	Yes	No	Yes
WV4ZTB	No	Yes	No	Yes	YHLHX7	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YKVMCU	No	Yes	No	Yes					
YLQMQX	No	Yes	No	Yes					
YRAH74	No	Yes	No	Yes					
YTL8K9	No	Yes	No	Yes					
YWQQU3	No	Yes	No	Yes					
YZ4QQU	No	Yes	No	Yes					
YZD6TW	No	Yes	No	Yes					
Z37XK7	No	Yes	No	Yes					
Z39GRH	No	Yes	No	Yes					
Z6AT4A	No	Yes	No	No Interp					
Z8Q949	No	Yes	No Interp	No Interp					
ZB3NC9	No	Yes	No	Yes					
ZCDQX8	No	Yes	No	Yes					
ZFY9FR	No	Yes	No	Yes					
ZGTYL8	No	Yes	No	Yes					
ZHBF3X	No	Yes	No	Yes					
ZJHUA4	No	Yes	No	Yes					
ZJVWWY	No	Yes	No	Yes					
ZKDDQ	No	Yes	No	Yes					
ZM6A3K	No	Yes	No	Yes					
ZMKVCL	No	Yes	No	Yes					
ZN9WUQ	No	Yes	No	Yes					
ZNN2NH	No	Yes	No	Yes					
ZNP36A	No	Yes	No	No Interp					
ZQ2RRJ	No	Yes	No	Yes					
ZRTP6T	No	Yes	No	Yes					
ZRZ4ZL	No	Yes	No	Yes					
ZVMJ3U	No	Yes	No	Yes					
ZWJ4PU	No	Yes	No	Yes					

DNA Interpretation**Response Summary****Participants reporting DNA results: 617**

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

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	0	604	1	581
No	609	0	593	1
Inc	0	0	0	0
No Interpretation	4	9	17	29
No Response	1	1	3	3

Participants analyzing DNA for database purposes only: 3

Additional Comments

TABLE 8

WebCode	Additional Comments
279E4Y	My laboratory does not perform screening tests for saliva.
2FXW9E	Extraction: Item 1 and item 2 were extracted using chelex extraction method. Item 3 and Item 4 were extracted using QIASymphony DNA Investigator KIT via QIASymphony SP. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 1, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-Male profile
2G7EF3	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.
2L32CC	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
2LGZ6W	NR= no results
2MPBV9	NR=No results. Item 4 was amped with GlobalFiler, PH of major (17) at D22 is low compared to overall profile. Item 2 typed as 15,17 at D22 in PowerPlex6C. Possible primer binding site issue in GF kit, therefore D22 ignored for comparison/stats purposes.
2Q9H6U	Sample 2 not tested due to zero male DNA detected on Quant and Y only testing for the samples.
2RPFWU	CO scientist. Not trained in data interpretation.
2V6JKU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
2ZTLFA	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
33FMY3	NA = no alleles detected
3CMCKE	Spermatozoa was observed on a differential slide from sample 4 male fraction. NAO-No alleles observed. A peak was observed in the 18.3 bin at D12S391 in the epithelial cell fraction of item 4, but not called by the software. Therefore, it was not included in the allele table for that item.
3EF9A9	NR - no results. Item 2 was amplified in 2 separate kits, GlobalFiler and PowerPlex Fusion 6C due to a potential primer binding site issue at the D22S1045 locus in the GlobalFiler kit.
3LDQWW	#4 epi (F1) 18.3 unresolved shoulder peak noted at D12
3NQWBP	This lab does not perform Y-STR or mtDNA testing. Reporting results with stutter filters ON.
43X2W6	Item 4 was a mixed profile. This lab does not interpret mixed profiles.
478N4G	Item 4 tested inconclusive in the presumptive test for amylase (saliva), as the level of reactivity exhibited by this sample was insufficient for positive or negative classification.
48MMGC	Sperm cells were detected on a microscope slide prepared from the sperm cell fraction of Item 4.
4E8JLM	Y-STR analysis was not performed on sample 2 due to no male DNA being detected using QuantTrio.

TABLE 8

WebCode	Additional Comments
4KCM8E	Reports reported with stutter filters on.
4LMCP6	A mixture of three individuals was recovered from Item 4 (e. cell fraction). For mixtures interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
4ZFNKF	elevated stutter-CSF1PO. INC-Inconclusive.
662LF2	Items 1A (CTS #1) and 1B (CTS Item #2) were not opened or analyzed. Items 1C (CTS #3) and 1D (CTS #4) were analyzed for serology only. Abbreviations: coin envelope (CE), manila envelope (ME), not opened/not analyzed (NO/NA), sexual assault (SA).
66EV24	Item 3 - cellular fraction of sample only submitted for DNA profiling (as no semen detected during extraction). Complete DNA profile, male - attributable to bloodstaining. Does not match either Victim (Item 1) or Suspect (Item 2). Item 4 - cellular fraction and seminal fraction of sample submitted for DNA profiling. Cellular fraction - mixture of DNA from at least two contributors. Victim (Item 1) and Suspect (Item 2) both fully represented within the result. If both have contributed, indication of DNA from at least one further contributor at one area tested. Seminal fraction - complete DNA profile, male - attributable to semen. Matches Victim (item 1).
68D6J6	NT = Not Tested. NR = No Result.
6EPJ4L	Probabilistic Genotyping Results. All comparisons were conducted by the analyst prior to using the STRmix software. STRmix was used to calculate a likelihood ratio using the following propositions: Item4f1: 1s2s_UU; Item4f2: 1s_U. Other Notes: Item 2 - Processed on ANDE. Item 2 - Processed on RapidHIT ID - sample didn't pass internal quality check. Results will not be reported. PowerPlex Y-23 sample processing was conducted on items 1,3 and 4. Y-STR analysis and interpretation was not conducted. Key: f1 - fraction 1, f2 - fraction 2, NID - No interpretable data, INC - Inconclusive.
6NXWJ4	NT = not tested
6RGDUG	reporting with stutter filters on
6TNXZ7	A differential extraction was performed on Item 4 and the results of the epithelial and sperm fractions were inconclusive. Therefore, a material digest was performed on Item 4 and results from the material digest were reported as the epithelial and sperm results for Item 4.
6WRKZP	Item 2 was not amplified because it had no male DNA present. No interpretations for Item 2 because no DNA profile was generated for this item.
74ZNFM	Locus D12 had an unresolved 18.3 peak hidden in a shoulder so that locus would not be used for stats.
78NYQC	With PowerPlex Fusion and PowerPlex 21, item 2 and item 4 Epithelial fraction in D22S1045 is heterozygous 15,17. on the other hand with Verifiler Express and Verifiler Plus for D22S1045 is a homozygous 17 allele.
7EJYPE	Spermatozoa were observed in the differential slide for item 4
7UWNPZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping, stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
7V28H3	NR = no result. There was a 6mm clearing for item 4 in the amylase plate. The clearing measured is less than the clearing for the 1:500 amylase standard that was also run on the plate. Due to the clearing being less than the 1:500 standard and no nucleated epithelial cells were observed, the result was marked as negative.

TABLE 8

WebCode	Additional Comments
7W6KMA	Extraction: Item 1 and Item 2 extracted using Chelex method. Item 3 and Item 4 extracted using DNA Investigator Kit via QIASymphony SP. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification Kit on RT-PCR QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 1, Item 3 and Item 4 using AmFISTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler for Item 1, Item 2, Item 3 and Item 4 and Y-Filer for Item 1, Item 3 and Item 4 were carried out on Genetic Analyzer 3500xL. Quality Control: Reagent blank, positive control and negative control were incorporated throughout the analysis and all gave the intended results. NM: non-male profile.
7WK4WM	Fraction 1 of Item 4 ("4F1", "4e"): Peak was observed in shoulder position for 19 allele at locus D12S391. The unresolved shoulder was not called by the GMIDx program due to 1bp difference (resolution limitation in program) and therefore does not appear on the allele call table for this item.
7XYYZ7	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
8863NG	NR = No Results
8CVZX2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. A likely null allele was detected in Item 2 at D22S1045. A 17 allele less than half the expected height was detected.
8NPTNF	Item 4: ALS was negative. QF Trio = Quantifiler Trio. Item 1: Y-Filer Plus was used in direct mode.
8Y64XN	The following STR DNA profiles are eligible to be entered into the COmbined DNA Index System (CODIS) database in accordance with local, state, and national regulations where regular searches will be performed: the DNA profile from the blood on the suspect's clothing (EX 03-1), the major contributor profile from the blood and possible semen on the hotel couch (EX 04-1M), and the reference DNA profile from the Male Victim (EX 01-1). Semen confirmatory testing, differential extraction, and Y-STR testing was not required for this analyst due to delayed training/competency testing in those areas.
8ZJFRM	Item 4e: locus D12S391 contains a 18.3 allele which appears as an unresolved shoulder of the neighboring 19 allele and has not been fully resolved by GMIDX. This locus was omitted from STRmix interpretation and the associated LR calculation.
8ZKCCG	Scientist is authorized through DNA processing and does not compare/report DNA results.
93NUZG	NR = No Results. Item 1 analyzed with the Yfiler Plus PCR Amplification Kit in direct mode. Item 2 not analyzed for Y-STR DNA; source is biologically female. Mitochondrial DNA analysis is not performed by this laboratory.
98AKW9	Spermatozoa were observed on the slide prepared from item 4.
98UEL P	This proficiency test was performed using missing persons/unidentified remains (MP/UHR) protocols. Samples that are indicated to contain semen are not tested per MP/UHR protocols. Therefore, no testing was performed on Item 4. Minifiler results obtained from Item 3 were concordant with the Globalfiler results obtained from Item 3. Additional loci are X-chromosomal loci from the ArgusX-12 amplification kit. Amelogenin and D21S21 results obtained from Items 1, 2, and 3 with ArgusX-12 were concordant with Globalfiler results HV2 length heteroplasmy was observed in Items 1 and 2.
9A2GL3	NR = no result. Item 2 was originally amplified with the GlobalFiler kit; due to possible primer binding site issue at D22S1045 Item 2 was re-amplified with Fusion 6C and only Fusion 6C data is reported and used for comparison purposes.
9CDJX6	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
9K9LZG	STRmix analysis was performed on this test

TABLE 8

WebCode	Additional Comments
9LTATP	For item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on. For Item 4, RSID-Saliva results were inconclusive due to discrepant results.
9PUBV8	Spermatozoa were detected by microscopic examination of Item 4.
9QL8K2	Item 2 was amplified in both the GlobalFiler (GF) and PowerPlex Fusion 6C (6C) kits. The D22 locus in GF detected a 17 only and in 6C detected a 15,17. This appears to be a primer binding site issue. The 6C profile will be used for reporting and comparison due to a full profile being obtained. NR = No Result
9RGTDR	Suspect (Item 2) not tested in YSTRs, therefore interpretations N/A for YSTR results.
A6MTNE	NR = No Result. YS Result: Human male DNA was detected on Item 3 and Item 4.
A72HWV	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 4e. The results listed in the CTS report reflect the DNA profiles with stutter filters on. Results concordant with the Identifiler Plus results were obtained from the Minifiler results for item 3. The Yfiler and Minifiler results were not used in the interpretation.
AQQDNL	Samples 4E and 4S had elevated stutter at a few loci but there were no other indications of an additional contributor.
B4VWYL	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
B7UZ3N	Analyst is not currently authorized to perform semen testing and differential extractions. Performed blood testing on samples 3 and 4 and selected extraction method based on those results. Data was generated from Item 3 and 4 and all types above analytical threshold were included in the results section of this form.
B89WWC	NR = no result
BAUBYN	An additional type ("13" at CSF1PO) was observed in the sperm fraction of item 4A. It was conservatively reported in accordance with lab policy, but no conclusions can be reached with regard to this additional type. The "13" may be an artifact such as elevated stutter. The additional type did not interfere with the interpretation of the predominant sperm fraction profile.
BCWAAG	#4F1: unresolved shoulder peak 18.3 at D12
BDAJMN	NR = No Results. ** = possible elevated stutter
BGJYHD	NR= No Results. Item 1 analyzed in YFiler Plus direct mode.
BNZR94	Item 2: D22S1045 reported without duplicate allele due to possibility of null allele based on RFU values of allele observed at locus in relation to the remainder of the sample. Confirmed by two samplings using two different extraction methods and two separate amplifications of the sample.
BRETCJ	Possible elevated stutter was left in for Items 3 and 4 due to STRMix analysis
BWLJFP	Not Authorized in DNA testing or Interpretation. Only Authorized in Blood Detection and Collections.
BX8A6F	Y-STR and mtDNA testing not performed at this lab.
C6LEER	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
CG3CMW	NR= No results detected. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
CJZFXH	For 4 sp at D3S1358, the 13 is an artifact.
CVUMQV	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
CYT2DK	Serology only.
D788MW	Item 4 (designated as A-4a E1) had stutter alleles left in for STRmix decon at: CSF1PO (13). Item 4 (designated as A-4a E2) had stutter alleles left in for STRmix decon at: CSF1PO (13), DYS391 (10), FGA (20).
DCVX23	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex(R) Fusion System as per laboratory policy. Item 3 sp results were not reported due to no human DNA suitable for STR DNA typing was detected.
DH3UUW	NT = Not Tested. NR = No Results. Only Y-STR testing was done for this test.
DHDD9V	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No result
DUYZNU	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.
DYJTDW	NR - no results; For mtDNA: N - any DNA base. Some C calls for mtDNA had deletions that were also sequenced. Called as "c" but reported as C in the mtDNA section. Items 1, 2, 3, and 4 were tested with the ForenSeq Signature Prep Kit - Primer Set B and the ForenSeq mtDNA Whole Genome Kit. CF = cell fraction, SF = sperm fraction. Due to the presence of a mixture in Item 4 (CF), SigPrep and mtDNA data will not be reported/interpreted per SOP. However, as the Y-STR profile for Item 4 (CF) indicated 1 male contributor, the Y-STR results from the SigPrep Kit will be reported. SigPrep data for Item 4 (SF) will be reported, however the mtDNA results for Item 4 (SF) indicate a mixture and will therefore not be reported. Item 2 was additionally tested with GlobalFiler Express on the RapidHIT system. Discordance was observed at D22S1045 for Item 2 between the Globalfiler Express and Fusion 6C kits. Fusion 6C data was reported in the table. The Globalfiler result at D22S1045 was a 17 for Item 2. All other overlapping loci displayed concordance between the two kits. This appears to be a primer binding site issue, specific to the Globalfiler kit.
E8H6BG	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
E8YYCR	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.
E9A2ZB	NR = No Results

TABLE 8

WebCode	Additional Comments
E9UHFD	NT = Not Tested. NR = No Result. Proficiency test was for benchwork and Y-STR technology testing only. Results from the quantitation step determined which samples were moved forward with Y-STR testing. Any sample producing an "Undetected" quantitation result was halted and not amplified. No autosomal STR kit used for this specific proficiency test. Sample 3sp fraction was a very low level Yfiler Plus sample below stochastic threshold with drop-out at multiple loci.
EF7JYG	Y-STR testing only. Female suspect (#2) not able to be compared to Y-STR evidence.
EFAT8G	#4 epi (F1) - 18.3 unresolved shoulder peak noted at D12
EFLPAZ	Laboratory does not have an approved saliva testing
ELJ9P4	HV1 C-Stretch length heteroplasmy observed in Item 1. HV2 C-Stretch length heteroplasmy observed in Items 1 and 2.
EPYBKR	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.
EXNEHQ	NR = No results
F2PNJK	A shoulder peak was observed at D12 in Item 4e. Due to poor resolution, the peak was not called by GMIDX. Locus D12 was not reported/used for comparison.
F8DFXQ	Analyst performs data analysis using GeneMapper but does not perform data interpretation or reporting.
FET7UK	Possible elevated stutter was left in because of STRmix analysis
FEY9BC	26.2 allele at SE33 in both fractions of item 4 STR - possible drop in/elevated baseline/artifact. No indications of other contributors.
FFRTNF	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
FHWP7	Item 4 tested inconclusive in the presumptive test for saliva, as the level of reactivity exhibited by this sample was insufficient for positive or negative classification.
FKXVP7	In item 4, CSF1PO allele 13, Penta D allele 9, and SE33 allele 20 were interpreted as a trace third contributor. There were no hits to the elimination database, and these alleles do not match any profiles found in other batched samples.
FL86FH	NR means No results
GC2B6Q	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
GX8U84	The female fraction of item 4 experienced dropout at loci DYS19 and DYS437.
H82RV4	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
HDVWCQ	NT = item halted following quantification, sample not amplified.

TABLE 8

WebCode	Additional Comments
HFVQVP	A 13 peak was detected at CSF in the e fraction for item 4. Based on the fact that this peak was higher than the maximum forward and back stuffer at CSF, that another peak below the analytical threshold was observed at SE33, and that other peaks were detected below our stochastic threshold for this item, the sample was run as a 3-person mixture. STRmix diagnostics indicated a high allele variance, so the sample was also run as a 2-person mixture to see if the diagnostic would fall within normal range. It did not; as a result, the sample was reported using both the three person and two person assumptions. The alleles reported in part II of this form are those that would be called as alleles under the 2-person assumption. The alleles under the 3-person assumption would be the same, with the addition of the 13 at CSF. Depending on STRmix modelling, the 13 may or may not be treated as an allele under the 3-person assumption.
HTJTDH	For the epithelial fraction of Item 4 (Item 4F1), the 18.3 at D12 did not resolve and was only seen as a shoulder on the egrams. This caused an exclusion of Item 4 initially and D12 had to be ignored for stats.
HWYRB	Item 3 was not Y-screened for the presence of male DNA due to the item belonging to the male victim in the case, in which the presence of male DNA would not be probative based on the case information provided.
HWZACN	NR = No Results. Item 1 - Concordance between Globalfiler & Yfiler at DYS391. Item 3 - Concordance between Globalfiler & Yfiler at DYS391; concordance between Yfiler & LCN-Y at all loci. Item 4 - Concordance between Globalfiler & Yfiler at DYS391.
J77YYN	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.
J9PJKE	NR= No Result. ** = possible stutter.
JK9RRG	Item 4 epi fraction: unresolved peak noted at D12 on left shoulder of 19 allele. Alleles included in results, but locus not used for interpretation due to this peak
JVU4V6	Analyst stops after GeneMapper analysis and does not perform any data interpretation.
JXV2EL	Item 4 epi fraction - a possible 3rd contributor detected (11 @ D6) just above reporting threshold but under drop-in threshold. Allele has been included in records according to current laboratory reporting guidelines. Allele has not been confirmed in the absence of replicate amplifications.
KAZL7D	NR = No Result
KFVEEY	Extraction: - Item 1 to Item 3 were extracted using PrepFiler Express™ Forensic DNA Extraction Kit. - Item 4 was extracted using Differential Chelex Extraction. Quantification: Item 1 to Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by 7500 Real-Time PCR. Amplification: -Item 1 to Item 4 were amplified using Globalfiler PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 1, Item 3 and Item 4 were amplified using AmpFLSTR Y Filer PCR Amplification Kit on 9700 ABI GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by ABI Genetic Analyzer 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results. NM: Non male profile.
KTUGJ2	As previously suggested, please reformat the DNA profile data entry. The stacking of NSF's and SF's is not intuitive and sets the user up for entry error. Please consider having this populate in two separate fields. It would also be nice to implement vertical data entry instead of horizontal, however this is far less irritating than alternating the data entry for differentials.
KV9MF3	D12S391 has an elevated stutter.

TABLE 8

WebCode	Additional Comments
L3XVZT	laboratory does not currently have a validated procedure for saliva testing. (-) - Lighter intensity allele, NR -no DNA result.
L8AW8H	YFiler Plus testing undertaken on item 4e and 4s. Y-STR results were not used in the interpretation. Probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 4e and 4s. The results listed in the CTS report reflect the DNA profiles with stutter filters on.
L93UD4	Reporting STRmix with stutter filters on. Epithelial cell portion contains DNA profile carryover from sperm cell portion.
LDXLJF	NR = No Result
LEPUJJ	For the amylase radial diffusion test, item 4 resulted in a gel clearing of approximately 7 mm while the 1:500 standard resulted in a gel clearing of approximately 15 mm. However, since there were no nucleated epithelial cells observed on the slide made from item 4, item 4 is negative for saliva. NR= No results
LERCPU	Spermatozoa were observed by microscopic examination of the sperm cell fraction of item 4.
LHN6EJ	NR = no results. Amylase results: A 6mm clearing was observed for item 4 using amylase radial diffusion. However, no nucleated epithelial cells were observed. Therefore, saliva was reported as negative.
LMQ6NT	reporting with stutter filters on
LRLVU6	Not trained in AP spot test
LRYP9J	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.
M7L4EJ	NR = no result. For item 4, Y-STR typing was only performed on the sperm fraction.
MD9WQJ	Item 1 was tested in GlobalFiler and YFiler. The results are concordant at DYS391. Item 3 was tested in GlobalFiler and YFiler. The results are concordant at DYS391. Item 4 was tested in GlobalFiler and YFiler. The results are concordant at DYS391. Item 2 was tested in YFiler. No results were obtained. NR = no results
MKBWC8	NOTE: The sample provided for this test as Item 4, questioned stain from hotel couch (blue) and extracted as Item 4e, contained a mixture with two individuals whose genotypes differed by a single base pair at D12S391. The alleles at this location should have been 18, 18.3, 19, 24. However, due to the interpretation software utilized by this laboratory (Gene Mapper IDx 1.6), the 18.3 was not resolved nor called by the interpretation software due to its proximity to the 19 allele and mixture ratio of approximately 3:1. As a consequence of the limitation of the software, only alleles 18, 19, 24 were detected and recorded to support the submission of results. Considering this single base pair resolution issue could lead to an incorrect assessment of the true genotypes at this location, it is requested that in future mixtures provided by your service that the genotypes of the individuals used in the test mixture contain alleles that differ by more than a single base pair.
MKR2U6	NR = not reportable/no results
MLK4BT	Spermatozoa were detected by microscopic examination of item 4. A peak was observed in the 18.3 bin at D12S391 in the epithelial cell fraction of item 4, but not called by the software. Therefore, it was not included in the allele table for that item.
MNC3PR	NR= no DNA result
MRVK92	NR = no result obtained. -YS result: --Item 3: YS+; --Item 4: YS+.

TABLE 8

WebCode	Additional Comments
MVTNPH	The RMP obtained from the profile obtained from Item 1 with respect to the male fraction of Item 4 is 3.1×10^{34} analyzed with CODIS Software version 9.0.28.280. Hispanic frequencies were used. The RMP obtained from the genetic profile of Item 2 with respect to the female fraction of Item 4 is 1.03×10^{37} analyzed with CODIS software version 9.0.28.280. Hispanic frequencies were used. The following mutations in the HVI region are not in the range, however, as the control region was analyzed, the following was found: Item 1: 16519C; Item 2: 16368C, 16390A, and 16519C; Item 3: 16519C.
MVV9LY	For items interpreted with STRmix, the GlobalFiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
MYRTR4	Carryover from sperm cell fraction in epithelial cell fraction of Item 4
N9KW4	Screening tests not conducted as not currently qualified. Differentials conducted on unknowns based on case scenario. Since serology was not conducted, differentials were processed on both items 3 and 4 per Technical Leader discussion. Item 3f2 = below threshold for autosomal and y at quantification. Additional processing not conducted due to protocol stop at quant threshold. Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 4f1: 1sU_UU and 2sU_UU. Item 4f2: 1sU_UU and 2sU_UU. Modified Rapid DNA Analysis was conducted on item 2 with ANDE. Item 2s = Allele discrepancy at D22 between kits 6C and FlexPlex27. 6C = 15,17 and Flexplex = 17,17. Possibly due to drop out or kit primers. All interpretation done using 6C. PowerPlex Y23 was run on item 1, item 3 and item 4 for sample processing only. NID = No Interpretable Data
NF7VEG	The confrontation in the database showed that the genetic profile of item 1 is present in item 4 in its Male Fraction they are the same genetic profile; therefore, it is determined that they have the same biological origin and belong to the same individual. On the other hand, the database did not show any other genetic coincidence with the other items mentioned in this study. Random Match Probability Combined 1.523×10^{31} item 1. Random Match Probability Hispanic 5.593×10^{31} item 1. With respect to the genetic profile of item 2, it is not excluded that it is present in item 4 in its Female Fraction. Rndom Match Probability Combined 1.065×10^{31} item 2. Random Match Probability Hispanic 2.482×10^{33} item 2. We are consider is somewhat confusing that the victim is the male and the suspect is the female.
NF9FBW	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
NRW9YX	INC means Inconclusive.
NXU2YU	Likelihood Ratio (LR) calculated using STRmix for 4e: 2.2 trillion times more likely if Item1 + 1U than 2U in Caucasian population, 96 trillion times more likely if Item1 + 1U than 2U in African American population, 18 trillion times more likely if Item1 + 1U than 2U in Hispanic population; 4.7 octillion times more likely if Item2 + 1U than 2U in Caucasian population, 6.9 sextillion times more likely if Item2 + 1U than 2U in African American population, 900 septillion times more likely if Item2 + 1U than 2U in Hispanic population. D12S391 is not included in the statistical calculations, per Department policy.
NYATA3	Y-Screening conducted only on item 3 and 4. Male DNA was indicated on items 3 and 4.
P2QZTJ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
PWP2XZ	STRmix analysis was conducted on this test.
PXFQ3A	Item 4 (epi fraction) - unresolved 18.3 peak @ D12; omitted for statistical calculations

TABLE 8

WebCode	Additional Comments
PXYH7Q	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 was extracted using QIA Symphony DNA Investigator KIT via QIA Symphony SP. Item 4 was extracted using chelex (differential) extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 1, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.
Q4ZART	No DNA analysis performed, only body fluid screening results will be reported. Item 4 tested inconclusive in the presumptive test for saliva, as the level of reactivity exhibited by this sample was insufficient for positive or negative classification.
Q9Y28Y	NR= No Results. Item 2 not analyzed for Y-STRs. Mitochondrial DNA analysis not performed by this laboratory. Item 1 analyzed using YFiler Plus Direct Mode.
QFNLK8	For item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on. Statistical support for inclusions and exclusions were performed using STRmix Likelihood ratios with the following proposition settings, Item 1.4ST1 EF: (Item 1) + 1 unk/ 2 unk; Item 1.4ST1 EF: (Item 2) + 1 unk/ 2 unk; Item 1.4ST1 SF: (Item 1) + 1 unk/ 2 unk; Item 1.4ST1 SF: (Item 2) + 1 unk/ 2 unk.
QLHJ3M	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
QPAHRY	Item 4 - Y-STR profiling carried out on semen fraction only
QQCK2G	ND: Not detected
QTTH7U	Spermatozoa were detected upon microscopic examination of Item 4.
QUCH4F	[Name] entered results for serological testing. [Name] is only authorized for serological reporting and does not perform DNA processing or interpretation. [Name] entered results for DNA processing, DNA interpretation and comparison. [Name] is authorized in DNA processing and DNA interpretation/comparison. Analyst is not authorized to conduct serological testing/reporting. *Additional peak observed in epithelial fraction. (possible elevated stutter at Penta E - Item 4). Scientists shared codes and entered results independently.
QY2279	ITEM 4 SF/F1 = LR IN SUPPORT OF H1 FOR 1.1 AND 2.1 VISUAL EXCLUSION. ITEM 4 EF/F2 = LR IN SUPPORT OF H1 FOR 1.1 AND 2.1. NR=NO RESULTS. ** possible elevated stutter.
QY6TM8	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
RET9N7	Possible elevated stutter and possible drop in left in because of STRmix analysis.
RHNYZJ	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
RHTGRG	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
RLFBBF	Items 1 and 2 not serologically analyzed. No DNA analysis performed.
RTB2CD	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from the epithelial fraction of Item 4. The results listed in the CTS report reflect DNA profiles with stutter filters on. Imbalance was observed between the alleles at DYF387S1 and DYS385 for Item 3.

TABLE 8

WebCode	Additional Comments
RVDYM7	Serology only
T7GQ6B	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.
TBNZW2	STRmix used so elevated stutter not called off
TDFYBY	For the sperm fraction of Item 4 (hotel couch): the 9 allele detected at TH01 could be carry-over from the epithelial fraction or elevated stutter.
TK379B	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.
TL6HKE	NR=no results, Item 3 is concordant in PPF and MF
TPNQYU	The 11 allele at D2S441 for Item 4 sp may be an artifact but meets the laboratory interpretation guidelines as a possible allele
TUL3XC	The minor alleles observed in the results from sample 4 e have been bracketed. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 4 e. The results listed in this report for sample 4 e reflect the DNA profiles with stutter filters on. Samples 3, 4s and 4e were also analysed using Low Copy Number (LCN) 34 cycle DNA testing. Where results were obtained, these agreed with those obtained by 28 cycle standard Identifiler Plus DNA testing.
TY9ZEL	Visual examination with an alternate light source was performed on Items 3 and 4. Presumptive testing detected the possible presence of blood on Items 3 and 4. Spermatozoa were observe on Item 4, which confirms the presence of semen. Semen was not detected on Item 3. The laboratory does not have a validated method for saliva. Human origin testing is considered non-routine testing and was not required nor performed. Y-screen testing is not required for physical evidence and was not performed.
TZUZJF	NR = no result. NT = not tested. No comparisons made. Test is for bench processing only. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation volume for male DNA went forward with amplification.
U42JVB	Mito and Y not done at this lab.
U6CCW6	Item #4F1 ("4e"): 18.3 unresolved shoulder peak observed at D12S391
UCGRKV	Y-STRs only were conducted on Items 1, 3, & 4. Item 2 was run on the ANDE; no interpretation was conducted on Item 2. NID: No Interpretable Data.
UKX2BD	Did not perform Mito or YSTRs as we do not have those technologies validated in our laboratory.
UNC7XU	A minor additional allele 12 (RFU 67) observed at D16S539 in item 4EF was observed outside of the victim and the suspect, could possibly be an artifact. The data is a mixture of ~89% (suspect) and ~11%(victim).
URMLQ8	** = possible elevated stutter. NR = no results

TABLE 8

WebCode	Additional Comments
URVXUA	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.
UVGFCU	NR = No Results
V73TGD	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. This may incorporate stutter peaks that would have been filtered during conventional analysis.
V7HC2A	GlobalFiler and YFiler performed on Items 1-4. Results concordant at DYS391. YF results for Item 2 = NR for all loci. NR = No results
V847DA	Did not perform YSTR's and mito as we do not have these technologies validated in our laboratory.
VEFZY2	Carryover from the sperm fraction is observed in the epithelial fraction.
VJCJ67	**=Alleles may be attributed to elevated stutter.
VUPJYE	* = unresolved 18.3 allele is also present (allele is resolved in a lower injection time however that injection was not used for reporting due to dropout at other loci). NR = No results. Item 2 was originally amplified using Globalfiler. A possible primer binding site mutation was noted due to a discrepancy observed at the D22S1045 locus. Item 3e contained a 15 allele not present in Item 2 (all other loci were consistent with alleles present in Item 2). Item 2 was reamplified in Fusion 6C as confirmation (used for reporting). Results for Item 2 at D22 were GF 17 and 6C 15,17.
VWV9Y3	For Item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
W2EH4J	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy. For item 3 sperm fraction, no human DNA was detected. Therefore, testing for this sample stopped at quantitation.
W3JBKD	NR = no results. Item 4 contained a mixture and therefore, the mtDNA and SigPrep profiles were not reported as a result (with the exception of the Y-STRs). Per laboratory protocol, mixed mtDNA/SigPrep profiles are inconclusive for comparison purposes. HV1 range reported - 16024-16365, HV2 range reported - 73-340. Note: For Item 2 - Discordance was seen with the GF Express kit at D22 - SigPrep and 6C data was used for reporting
W4VY6D	NR = No Result
W6CVWD	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
W9PVT4	[Name] performed the serology and lab work. Interpretation was performed by myself ([Name]).
WCUZLV	This lab does not perform Y-STR or mtDNA testing. Reporting with stutter filters on.

TABLE 8

WebCode	Additional Comments
WEYX7J	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 and Item 4 was extracted using QIASymphony DNA Investigator KIT via QIASymphony SP. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 1, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile
WV4ZTB	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.
WYNMUB	NR = No Result; Item 1 was amplified with YFiler Plus Direct Mode
X46D37	Massively parallel sequencing (MPS) of the Mitochondrial DNA (mtDNA) genome was performed using the Applied Biosystems Precision ID mtDNA whole genome system. A whole mtDNA genome sequence may be obtained for the items noted however, only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2(73-340). Whole genome sequences were obtained for items 1, 2, and 3 and are available if needed. A mtDNA mixture was obtained for item 4 therefore no interpretation was done. To see the WG sequences obtained please see file [Laboratory Specific Naming Convention].
XA2VQY	Female reference sample (Item 2) not amplified for Y-STR analysis since no male detected. DNA interpretation reported as "No Interpretation."
XMPUG2	Since semen was indicated on Item 4, no DNA testing was performed on this item since MP/mtDNA protocols were followed. MiniFiler testing performed on Item 3. Results were concordant with GF for the loci in common. Argus X testing performed on Items 1, 2 and 3. D21S11 and Amelogenin results were concordant to GF results. HV2 length heteroplasmy present in Items 1 and 2.
XTNPRK	Genotypes reported with stutter filters on.
XVY9DB	NR= No results. Discordant results for Item 2: appears as (17) with GlobalFiler and (15,17) with Fusion 6C. Item 4(sp)- possible elevated stutter peaks not removed from profile table.
XZT8MZ	Mixture obtained from 4e consistent with carryover from sperm fraction.
Y4BEQW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. Data was generated in INV24 at D12 for Item 4-EF [18.19.24], however the D12 locus was omitted from STRmix interpretation due to the 18.3 allele not being called as a shoulder on the 19 allele causing a false exclusion.
YBQW8B	NT = not tested. NR = no result.
YHLHX7	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from the epithelial fraction of Item 4. The results listed in the CTS report reflect DNA profiles with stutter filters on. Imbalance was observed between the alleles at DYF387S1 for Item 3.
YRBAKY	Analyst only authorized in blood for serology.
YTL8K9	NR = No result. NT = Not tested.
Z37XK7	Item 4 was not processed in mtDNA due to an observed mixture in PowerPlex Fusion. This laboratory does not interpret mtDNA mixtures. Powerplex Fusion and Minifiler were performed on Item 3. Results were concordant at all overlapping loci. NR = No Result

TABLE 8

WebCode	Additional Comments
Z8Q949	NR = No results. NT = Not tested. Pre policy, this proficiency test covers YFiler Plus testing only. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
ZB3NC9	NR=No Results. Item 2: D22S1045 discordant result, appears as 17 with Globalfiler but 15,17 with Fusion 6C
ZGTYL8	NR - no results. Null allele/discordant result noted in Item 2 at D22: call is 17 in Globalfiler but 15,17 in Fusion 6C. Sample was amp'd in both kits; however, only Globalfiler data will be reported.
ZHBF3X	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
ZJHUA4	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.
ZJVWWY	For the non-sperm fraction of Item 4 there was a 20 allele that was determined to be elevated stutter at the SE33 locus. This profile was determined to be a mix of 2 indicative of one female and one male contributor because there was no other indication of a third contributor. This 20 allele however was reported on the results sheet that will be submitted to your agency due to the fact it was above our lab's stutter cut off values for the SE33 locus.
ZKDDQ	NID= No interpretable data. Powerplex Fusion 6C sample processing was conducted on item 1, item 2, item 3, and item 4 (fraction 1 and fraction 2). Inclusions and exclusions were conducted by the analyst outside of the STRmix software programs. STRmix was used, however, to calculate a likelihood ratio for the following propositions: Item 4: Fraction 1: 1s2s_UU Fraction 2: 1s2s_UU 2sU_UU (this stat was conducted due to 2s=C2, trace). Items 1 and 2 were both excluded from item 3. No stat was generated. Powerplex Y23 sample processing was conducted on the following items: Item 3, item 4 fraction 1, item 4 fraction 2, and item 1. YSTR analysis and interpretation was not conducted. Item 2 was also processed by using ANDE FlexPlex 27. Results for item 2 are a composite of both Fusion 6C and FlexPlex 27 technologies.
ZVMJ3U	Please note that for Item 4 epi (F1) there is an unresolved 18.3 shoulder peak at D12

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 24-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 18, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 7JKBAX

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 sexual assault involving a male victim and female suspect. The victim reported to police that he was assaulted by a female employee on a couch in a hotel lounge. The victim reported that he ejaculated during the assault and that a violent altercation ensued between the two afterwards. The suspect has been apprehended by police. Police are submitting a stain from the shawl the suspect was wearing during the assault (Item 3) and a stain from the hotel couch (Item 4). Also provided are known standards from the male victim (Item 1) and female suspect (Item 2).

Items Submitted (Sample Pack B1):

Item 1: Known blood from the male victim

Item 2: Known blood from the female suspect

Item 3: Questioned stain from suspect's shawl (pink)

Item 4: Questioned stain from hotel couch (blue)

Part I: SCREENING TESTS

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:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
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"/>	
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Y-Screening (male DNA)	<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:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
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"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<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:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
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"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<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 Results for Known Item 2

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

STR Amplification Kit(s) Used:

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

Identifiler® GlobalFiler™ Investigator® 24plex

PowerPlex® Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in Default order.

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

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to 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 ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to 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.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)