



Forensic Biology Test No. 23-5702 Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 802 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 FTA™ Micro Cards (Items 1 & 2), and two questioned stains on colored fabric (Items 3 & 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1, 2, and 3 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain on Item 4 was prepared using a mixture of human whole blood and semen. Item 1 (75 μL) and Item 3 (50 μL) were created using blood from the same female donor. Item 2 (75 μL) was created using blood from a male donor. Item 4 (50 μL) was created using a 1:1 mixture of blood from the female donor used in Item 1 and semen from a male donor whose known standard was not provided. 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 March 06, 2023 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, with the exception of one participant who reported an inconsistent result at one STR locus.

Manufacturer's Information, continued

Amelogenin and STR Results						
Results compiled from predistribution laboratories and a consensus of at least 10 participants.						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	11,15	24,24	12,14	16,18	11,13	12,13
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NM	NM	NM	NM	
2	11,17.3	18,20	11,14	15,17	12,13	11,18
	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	2	
3	11,15	24,24	12,14	16,18	11,13	12,13
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NM	NM	NM	NM	
4-Blood	11,15	24,24	12,14	16,18	11,13	12,13
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NM	NM	NM	NM	
4-Semen	15,16	20,23	10,11	14,15	11,11	10,11
	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18	2	

YSTR Results									
Results compiled from predistribution laboratories and a consensus of at least 10 participants.									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11	11	18	18	23	21	13	11
4-Semen	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	13	19	18	13	24	10	12

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

The nucleotide ranges provided below are the consensus results reported by 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	64-378	16024-16390
2	64-385	16024-16390
3	64-369	16024-16369

Deviations HVR-II, HVR-I

The base deviations presented here are the consensus of results reported by 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. The base deviations represent those tested by a minimum of 75% of participants.

	73.0	150.0	152.0	189.0	195.0	200.0	207.0	263.0	309.1	315.1	16185.0	16209.0	16223.0	16327.0
ITEM 1	G	T	C	G	C	G	A	G	C	C	T	C	T	T

	73.0	146.0	199.0	263.0	309.1	315.1	489.0	16223.0	16295.0	16362.0	16519.0
ITEM 2	G	C	C	G	C	C	C	T	T	C	C

	73.0	150.0	152.0	189.0	195.0	200.0	207.0	263.0	309.1	315.1	16185.0	16209.0	16223.0	16327.0
ITEM 3	G	T	C	G	C	G	A	G	C	C	T	C	T	T

Summary Comments

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

Data were returned by 802 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 690 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 responding participants reported "Negative." For the presence of saliva, all responding participants reported "Negative." For Human Origin screening, all responding participants reported "Positive." For Y-Screening, all but two participants reported "Negative" and the remaining participants reported "Positive."

For Item 4, all responding participants reported "Positive" for the presence of blood. For the presence of semen, all responding participants reported "Positive." For the presence of saliva, all responding participants reported "Negative." For Human Origin screening, all responding participants reported "Positive." For Y-Screening, all participants reported "Positive."

DNA Analysis:

For STR results, the majority of participants reported consistent results. Fifty-four participants reported inconsistent results for one or more items. A trend was identified in which Item 4e received the most inconsistent results, with approximately half of the participants reporting additional alleles and the remainder missing alleles.

For YSTR results, all participants reported consistent results for Items 2 and 3. For Item 4, all participants reported consistent results with the exception four participants, who reported an inconsistent result at one or more loci.

DNA Interpretations:

Of the 731 participants that returned DNA results, 692 reported DNA interpretations. Seventeen participants did not report interpretations and stated that the samples were analyzed for database purposes only. Twenty-two participants selected the "No Interpretation" option for each conclusion.

For Item 3, all but two participants included the victim (Item 1) and excluded the suspect (Item 2) as possible contributors to the stain. The remaining participants included the victim and reported "Inconclusive" as to whether the suspect was a possible contributor.

For Item 4, all but eight participants included the victim (Item 1) as a possible contributor. The remaining participants reported "Inconclusive." Six of these participants completed mitochondrial analysis only, and stated in their additional comments that they do not interpret mixtures. Additionally, all but 12 participants excluded the suspect (Item 2) as a possible contributor. The remaining participants reported "Inconclusive." Eight of these participants completed mitochondrial analysis only, and stated in their additional comments that they do not interpret mixtures.

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
23TXPF	Pos TMB, KM, IR	Pos TMB, KM, IR
24UDAX	Pos LMG	Pos LMG
26MLJW	Pos KM	Pos KM
26YV8M	Pos HemDirect, Red-brown	Pos HemDirect, Red-brown
28VVEZ	Pos KM, Hemdirect	Pos KM, Hemdirect
28XC6K	Pos KM	Pos KM
28YR9R	Pos LMG, HT	Pos LMG, HT
2A4V62	Pos KM, HemaTrace	Pos KM, HemaTrace
2CFWFK	Pos TMB	Pos TMB
2F6QMU	Pos LMG, Ouchterlony	Pos LMG, Ouchterlony
2GNKEW	Pos KM, HemaTrace	Pos KM, HemaTrace
2GX6UC	Pos LMG	Pos LMG
2HAK6C	Pos KM	Pos KM
2HDFVQ	Pos KM, HemaTrace	Pos KM, HemaTrace
2KH8M4	Pos KM	Pos KM
2LCE6Z	Pos KM	Pos KM
2QVWX	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, Hem Direct
2THHG2	Pos TMB, LMG, RSID	Pos TMB, LMG, RSID
2UUGXY	Pos KM, HemaTrace	Pos KM, HemaTrace
2VWYGE	Pos TMB	Pos TMB
2WXYLY	Pos KM, ALS	Pos KM, ALS
2X7NWH	Pos O-tol, Seratec Hemdirect	Pos O-tol, Seratec Hemdirect
2ZFHPU	Pos KM	Pos KM
2ZFWGG	Pos O-tol	Pos O-tol
32L3VN	Pos KM, HemaTrace	Pos KM, HemaTrace
33U7EE	Pos TMB	Pos TMB
34FKDH	Pos KM, ALS	Pos KM, ALS
38GN66	Pos KM	Pos KM
3A2P2C	Pos KM	Pos KM
3B9ZMU	Pos Luminol, KM, IR	Pos Luminol, KM, IR
3DUP6L	Pos KM	Pos KM
3EX7FR	Pos TMB	Pos TMB
3G4R8X	Pos KM Test	Pos KM test

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3HJHME	Pos TMB, IR	Pos TMB, IR
3J6TW9	Pos KM, HemaTrace	Pos KM
3KU6UT	Pos KM	Pos KM
3LRGBU	Pos KM	Pos KM
3LTCAT	Pos PTMB	Pos PTMB
3QDJ4T	Pos KM, TMB	Pos KM, TMB
3QWADC	Pos TMB	Pos TMB
3R6Y84	Pos KM	Pos KM
3VMR8R	Pos RSID	Pos RSID
43QZDB	Pos TMB	Pos TMB
48DGH3	Pos KM	Pos KM
48FM4A	Pos TMB	Pos TMB
48VC7W	Pos KM	Pos KM
4AQ98H	Pos KM	Pos KM
4DB9DP	Pos KM	Pos KM
4E2Z2R	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
4J46PV	Pos KM	Pos KM
4KCBTJ	Pos KM, HemaTrace	Pos KM, HemaTrace
4NPAR7	Pos IR, TMB	Pos IR, TMB
4PAVUM	Pos O-tol	Pos O-tol
4PTT89	Pos KM, HemaTrace	Pos KM
4QQGRA	Pos TMB	Pos TMB
4QWLNZ	Pos KM	Pos KM
4RA8CF	Pos KM	Pos KM
4RPKN7	Pos IR, TMB	Pos IR, TMB
4TJ972	Pos KM, HemaTrace	Pos KM, HemaTrace
4U6F7J	Pos KM, HemaTrace	Pos KM, HemaTrace
4UG4V4	Pos LMG	Pos LMG, HemaTrace
4W6FWV	Pos KM	Pos KM
4W6HGT	Pos KM	Pos KM
637Q7F	Pos KM, HemaTrace	Pos KM, HemaTrace
682HGX	Pos TMB, HemaTrace	Pos TMB, HemaTrace
6B7JPU	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6CMWP7	Pos KM, HemaTrace	Pos KM
6EC9NC	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6GNF83	Pos KM	Pos KM
6L3CCZ	Pos KM	Pos KM
6LFPDU	Pos KM	Pos KM
6MPQ8F	Pos LMG	Pos LMG
6MQGH6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6P3PTX	Pos Hemochromogen	Pos Hemochromogen
6RCBKP	Pos KM, Hexagon OBTI	Pos KM, Hexagon OBTI
6WAJDZ	Pos KM, HemaTrace	Pos KM, HemaTrace
6YRXCX	Pos KM	Pos KM
738Q2D	Pos KM	Pos KM
73E3BA	Pos TMB	Pos TMB
73QMDD	Pos KM	Pos KM
744796	Pos KM, HemaTrace	Pos KM, HemaTrace
74EKLY	Pos RSID-Blood	Pos RSID-Blood
76KLA7	Pos TMB	Pos TMB
773RRU	Pos KM, HemaTrace	Pos KM, HemaTrace
783Z8L	Pos KM, COMBUR (TMB)	Pos KM, COMBUR (TMB)
78NGT9	Pos TMB	Pos TMB
78R37F	Pos TMB	Pos TMB
7AJ4MP	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
7CUNQT	Pos KM, Hemdirect	Pos KM, Hemdirect
7FEKK4	Pos KM	Pos KM
7JWTP6	Pos KM	Pos KM
7REU8X	Pos TMB	Pos TMB
7TEJYA	Pos LMG	Pos LMG
7UPEQT	Pos KM	Pos KM
7UPGCR	Pos KM, HemaTrace	Pos KM, HemaTrace
7WH7XX	Pos KM	Pos KM
7WP9TX	Pos KM	Pos KM
7ZFLFT	Pos PTMB	Pos PTMB
829XM7	Pos KM	Pos KM
83M4QG	Pos KM, TMB	Pos KM, TMB
86W7DU	Pos KM	Pos KM
88RERB	Pos PTMB, HemDirect	Pos PTMB, HemDirect
8A8X7M	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
8AR3ZZ	Pos KM	Pos KM
8CPQX9	Pos KM, HemDirect	Pos KM, HemDirect
8L7NBR	Pos KM	Pos KM
8N3CBN	Pos KM, HemaTrace	Pos KM, HemaTrace
8P9MLK	Pos LMG	Pos LMG
8TTFRL	Pos KM, HemaTrace	Pos KM, HemaTrace
8VGRTC	Pos KM	Pos KM
8XV2FJ	Pos O-tol	Pos O-tol
8XZ393	Pos IR, TMB	Pos IR, TMB
8Y3GDP	Pos KM	Pos KM
8YYR9R	Pos IR, Luminol, KM	Pos IR, Luminol, KM
8YZUUP	Pos KM	Pos KM
93EAYV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
93U66F	Pos KM	Pos KM
96D9N7	Pos TMB	Pos TMB
96R48M	Pos ABACard HemaTrace	Pos ABACard HemaTrace
972DVD	Pos KM, HemaTrace	Pos KM, HemaTrace
98QBYQ	Pos KM	Pos KM
9BCFRG	Pos KM	Pos KM
9BGAKH	Pos KM, TMB	Pos KM, TMB
9E34L2	Pos IR, TMB	Pos IR, TMB
9ECLBU	Pos KM	Pos KM
9HRV7R	Pos ABACard HemaTrace	Pos ABACard HemaTrace
9J8BYD	Pos KM, HemaTrace	Pos KM, HemaTrace
9KG4CM	Pos RSID	Pos RSID
9L8APR	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
9M6UX7	Pos KM	Pos KM
9PJTGZ	Pos TMB	Pos PHT
9QQUY8	Pos KM	Pos KM, ABACard HemaTrace
9TFZJ4	Pos KM, HemaTrace	Pos KM
9TYRQ3	Pos KM, HemaTrace	Pos KM, HemaTrace
9U8XVQ	Pos KM, HemaTrace	Pos KM, HemaTrace
9WG4BQ	Pos ABA Heme	Pos ABA Heme
9XYCZZ	Pos TMB	Pos TMB
9XYDWJ	Pos KM, HEM	Pos KM, HEM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9Z9FMN	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
A3TMLB	Pos KM, HemaTrace	Pos KM, HemaTrace
A68HT9	Pos IR, TMB	Pos IR, TMB
A8NXXH	Pos KM, HemaTrace	Pos KM, HemaTrace
A9ARZY	Pos KM	Pos KM
A9R7RM	Pos TMB	Pos TMB
AA227T	Pos HemaTrace	Pos HemaTrace
AD98YZ	Pos KM	Pos KM
ADBCGA	Pos KM	Pos KM
ADTANF	Pos TMB, Takayama	Pos TMB, Takayama
AENYYP	Pos PTMB	Pos PTMB
AF4XTZ	Pos KM, HemaTrace	Pos KM, HemaTrace
AGGUWJ	Pos KM	Pos KM
AH3M8Z	Pos KM	Pos KM
AHT7YU	Pos KM	Pos KM
AKDFNL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
AL2Y4Z	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ALR7XL	Pos RSID	Pos RSID
AMZJFM	Pos KM	Pos KM
APNEZM	Pos KM	Pos KM
APQPTR	Pos LMG	Pos LMG
AQ4NCL	Pos KM	Pos KM
ATQJ4F	Pos LMG	Pos LMG
AUJ6HK	Pos KM	Pos KM
AWK9XL	Pos KM	Pos KM
AYVHDK	Pos LMG	Pos LMG
AZZP3J	Pos TMB	Pos TMB
B3VN9M	Pos ABA Heme	Pos ABA Heme
B4PWGL	Pos LMG, HT	Pos LMG, HT
B69HP2	Pos IR, KM	Pos IR, KM
B86WN7	Pos KM	Pos KM
B8XX44	Pos LMG	Pos LMG
BA4BTH	Pos KM	Pos KM
BDYN3U	Pos KM	Pos KM
BE7JP2	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BEJAKY	Pos KM	Pos KM
BEYTX	Pos KM	Pos KM
BFR3W6	Pos LMG	Pos LMG
BGE9YH	Pos KM	Pos KM
BHVMWY	Pos IR, KM	Pos IR, KM
BJXR2	Pos TMB	Pos TMB
BL4NMP	Pos KM	Pos KM
BLLDCF	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
BP2HT6	Pos KM	Pos KM
BRHCCT	Pos KM	Pos KM
BTEE69	Pos LMG	Pos LMG
BU2JFL	Pos ABACard	Pos ABACard
BU7DGL	Pos TMB	Pos TMB
BUFCBJ	Pos KM, TMB	Pos KM, TMB
BUFZKM	Pos KM	Pos KM
BUM3FM	Pos KM	Pos KM
BUW8HP	Pos KM, HemaTrace	Pos KM, HemaTrace
BVAQP2	Pos KM	Pos KM
BVLKUF	Pos KM, Hem	Pos KM, Hem
BW4KZQ	Pos O-tol	Pos O-tol
BW7KFD	Pos KM, HemaTrace	Pos KM, HemaTrace
BYGUQ6	Pos KM, HemaTrace	Pos KM
C6CJ6L	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
CA3VZH	Pos KM, HemaTrace	Pos KM, HemaTrace
CCWN99	Pos O-tol	Pos O-tol
CE9HL7	Pos LMG	Pos LMG
CF473G	Pos TMB	Pos PHT
CF8P3Q	Pos KM	Pos KM
CFAE8N	Pos KM, HemaTrace	Pos KM, HemaTrace
CH8YUU	Pos KM, HemaTrace	Pos KM, HemaTrace
CJ29NQ	Pos KM	Pos KM
CJ2MCP	Pos KM	Pos KM
CQCKF4	Pos KM	Pos KM
CQDEAV	Pos KM	Pos KM
CR92LY	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CRPKLJ	Pos RPT, HemaTrace	Pos RPT, HemaTrace
CTGV7H	Pos KM, HemDirect	Pos KM, HemDirect
CUNGVD	Pos TMB, Takayama	Pos TMB, Takayama
CXMH4	Pos LMG	Pos LMG
CYTXUV	Pos KM	Pos KM
CZW3KW	Pos KM	Pos KM
D3PKQB	Pos KM, TMB	Pos KM, TMB
D73HZJ	Pos KM, HemaTrace	Pos KM, HemaTrace
D9A42J	Pos O-tol	Pos O-tol
DEE3C9	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
DGHYMB	Pos KM, HemDirect	Pos KM, HemDirect
DH79J6	Pos IR, Phenolphthalein (PHT)	Pos IR, Phenolphthalein (PHT)
DJMHTJ	Pos LMG	Pos LMG
DLD4HN	Pos Hema-Trace	Pos Hema-Trace
DNAFY9	Pos TMB	Pos TMB
DPFBCE	Pos KM + qRT-PCR	Pos KM + qRT-PCR
DPUH2N	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DU696A	Pos KM	Pos KM
DV4M49	Pos KM	Pos KM
DV8TFH	Pos KM, HemaTrace	Pos KM, HemaTrace
E3K2GJ	Pos KM	Pos KM
E43JLV	Pos IR; TMB	Pos IR; TMB
E69W68	Pos O-tol, HemDirect	Pos O-tol, HemDirect
E8M8KB	Pos LMG	Pos LMG
E97Y4L	Pos KM	Pos KM
E9MJQY	Pos O-tol, HemeDirect	Pos O-tol, HemeDirect
EBAPYF	Pos KM, HemaTrace	Pos KM, HemaTrace
EBDEEX	Pos O-tol	Pos O-tol
EBKWJA	Pos TMB	Pos TMB
ECRKW9	Pos O-tol	Pos O-tol
EF3UQX	Pos KM, HemaTrace	Pos KM, HemaTrace
EG9UJG	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
EHCYJE	Pos KM	Pos KM
EJVF3N	Pos ALS, KM	Pos ALS, KM
EKX7JU	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
EMCW9L	Pos KM	Pos KM
EP84XN	Pos O-tol	Pos O-tol
EQD2YG	Pos O-tol; HemDirect	Pos O-tol; HemDirect
ETT24A	Pos LMG	Pos LMG
EUJUH	Pos KM	Pos KM
EV2AZD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EVG4ML	Pos KM, HemaTrace	Pos KM, HemaTrace
EWBVHE	Pos KM, HEM	Pos KM, HEM
EX7B8H	Pos TMB, Phth, Precipitin	Pos TMB, Phth, Precipitin
EX7DTF	Pos KM	Pos KM
EZ6ZLH	Pos KM, TMB	Pos KM, TMB
F3EJ2E	Pos KM, HemaTrace	Pos KM, HemaTrace
F42UB8	Pos TMB	Pos TMB
F636NB	Pos Hemastix	Pos Hemastix
FB6YZA	Pos KM, HemDirect	Pos KM, HemDirect
FBED97	Pos KM	Pos KM
FCHRCH	Pos TMB, HemaTrace	Pos TMB
FF6XZT	Pos KM	Pos KM
FF7ALJ	Pos LMG, HT	Pos LMG, HT
FHYLPL	Pos KM, HemaTrace	Pos KM, HemaTrace
FJXW3C	Pos TMB, Micro	Pos TMB, Micro
FKQWX3	Pos IR, TMB	Pos IR, TMB
FL996T	Pos LMG	Pos LMG
FPXPL7	Pos TMB	Pos TMB
FRY8PM	Pos KM	Pos KM
FT99LU	Pos O-tol, Seratec-HemDirect	Pos O-tol, Seratec-HemDirect
FUBUJV	Pos KM	Pos KM
FV3VG7	Pos ALS, KM	Pos ALS, KM
FW7ANQ	Pos KM	Pos KM
FX3PWF	Pos KM	Pos KM
FXTLRH	Pos TMB	Pos TMB
FYBFTR	Pos KM, HemaTrace	Pos KM, HemaTrace
FZ8MEH	Pos LMG	Pos LMG
G3KCDJ	Pos KM	Pos KM
G497ZG	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
G7YBMM	Pos KM	Pos KM
G8QEE9	Pos KM	Pos KM
GFJMWE	Pos KM, HemaTrace	Pos KM, HemaTrace
GG79BA	Pos KM	Pos KM
GJ4FRT	Pos O-tol	Pos O-tol
GJV33Q	Pos LMG, HemaTrace	Pos LMG, HemaTrace
GJWMHJ	Pos KM, Takayama	Pos KM, Takayama
GKC74X	Pos KM	Pos KM
GKC9QG	Pos KM, HemaTrace	Pos KM, HemaTrace
GKK86P	Pos TMB	Pos TMB
GM3CH3	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
GNPNQZ	Pos LMG	Pos LMG
GP8Z2Y	Pos KM	Pos KM
GQKP6B	Pos KM, ABACard	Pos KM, ABACard
GRRG4W	Pos KM	Pos KM
GT7DKH	Pos KM, HemaTrace	Pos KM, HemaTrace
GTGYQQ	Pos KM	Pos KM
GTLLMQ	Pos KM, HemDirect	Pos KM, HemDirect
GWRNPU	Pos O-tol	Pos O-tol
GWY77C	Pos KM	Pos KM
GYB4WV	Pos KM	Pos KM
GYVAK8	Pos KM, HemaTrace	Pos KM, HemaTrace
GZJYZR	Pos TMB	Pos TMB
H3EZPM	Pos TMB	Pos TMB
H4RT43	Pos TMB	Pos TMB
H97HR7	Pos KM, HemaTrace	Pos KM, HemaTrace
HBF2ZM	Pos KM	Pos KM
HCF9QZ	Pos KM	Pos KM
HENAPR	Pos KM	Pos KM
HFVEYN	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
HGJHFF	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
HHD9K9	Pos KM, HemaTrace	Pos KM, HemaTrace
HJBJFB	Pos KM, HemaTrace	Pos KM, HemaTrace
HJGKPH	Pos KM	Pos KM
HKQKX7	Pos O-tol, ABACard@Hématrace	Pos O-tol, ABACard@Hématrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
HLQ6VC	Pos TMB, KM	Pos TMB, KM
HNQA3C	Pos KM	Pos KM
HQD2XG	Pos KM, HemaTrace	Pos KM, HemaTrace
HTGJBP	Pos LMG	Pos LMG
HTGLX9	Pos KM, HemaTrace	Pos KM, HemaTrace
HXFZMJ	Pos KM	Pos KM
HZCCY6	Pos KM, HemaTrace	Pos KM, HemaTrace
HZGHTL	Pos TMB, HemaTrace	Pos TMB, HemaTrace
HZRPKF	Pos KM, HemDirect	Pos KM, HemDirect
J4Z9VH	Pos KM, HemaTrace	Pos KM, HemaTrace
JANGBM	Pos KM	Pos KM
JBER2F	Pos KM	Pos KM
JBLEPU	Pos tmb	Pos tmb
JBYJWL	Pos KM	Pos KM
JEWNAJ	Pos KM	Pos KM
JFMPAF	Pos TMB	Pos TMB
JFVK8V	Pos KM	Pos KM
JFYMUZ	Pos KM, HemaTrace	Pos KM, HemaTrace
JGT9PC	Pos ABA HemaTrace	Pos ABA HemaTrace
JHUK3D	Pos PTMB, HemaTrace	Pos PTMB
JJR8F	Pos HemaTrace	Pos HemaTrace
JKR4MY	Pos PHT, IR	Pos PHT, IR
JLTZB2	Pos KM, HemaTrace	Pos KM, HemaTrace
JNC92N	Pos KM, HemaTrace	Pos KM, HemaTrace
JP7WL6	Pos KM	Pos TMB
JQ2BD4	Pos KM, HemaTrace	Pos KM, HemaTrace
JV3QAC	Pos HemDirect	Pos HemDirect
JX2YLV	Pos TMB	Pos TMB
JXGJCE	Pos Heme	Pos ABA Heme
JXK8QC	Pos LMG	Pos LMG
JXKKKD	Pos TMB	Pos TMB
JYEBLL	Pos TMB, KM	Pos TMB, KM
K3BFR3	Pos KM, HB	Pos KM, HB
K4YGCL	Pos KM	Pos KM
K6JDHY	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
K8H39K	Pos PH, HemaTrace	Pos PH, HemaTrace
K92TNK	Pos KM	Pos KM
KB8A8A	Pos KM	Pos KM
KBYYQX	Pos KM	Pos KM
KCLKX2	Pos KM	Pos KM
KG2WCV	Pos KM	Pos KM
KJCPCP	Pos HemaTrace	Pos HemaTrace
KMENRN	Pos KM	Pos KM
KNDBH7	Pos KM, HemDirect	Pos KM, HemDirect
KPRQW8	Pos KM, HemaTrace	Pos KM, HemaTrace
KRYXQL	Pos KM	Pos KM
KTCGMC	Pos KM	Pos KM
KVWWMQ	Pos KM	Pos KM
KWUMBY	Pos O-tol	Pos O-tol
KX4WN4	Pos KM	Pos KM
L4N6UF	Pos TMB	Pos TMB
L4NXGA	Pos LMG, HemaTrace	Pos LMG, HemaTrace
L7GFAV	Pos Kastle Meyer	Pos Kastle Meyer
L7MPGL	Pos TMB, PHT	Pos TMB, PHT
L7UB99	Pos KM, TMB	Pos KM, TMB
L87K48	Pos KM	Pos KM
L8RE9B	Pos LMG, HT	Pos LMG, HT
L9JKE4	Pos KM, HemaTrace	Pos KM, HemaTrace
LBAGCA	Pos LMG	Pos LMG
LBAN6M	Pos LMG	Pos LMG
LDA92E	Pos KM, Hemdirect	Pos KM, Hemdirect
LDCLFH	Pos KM	Pos KM
LDDEFB	Pos KM, TMB	Pos KM, TMB
LE2NVX	Pos LMG	Pos LMG
LE7CJA	Pos KM	Pos KM
LH2UFV	Pos LMG	Pos LMG
LHG642	Pos TMB	Pos TMB
LJ6YPE	Pos KM	Pos KM
LJCJXL	Pos KM, HemaTrace	Pos KM, HemaTrace
LJVHW6	Pos TMB, Micro	Pos TMB, Micro

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LKJKD8	Pos KM, HemaTrace	Pos KM, HemaTrace
LKKCCF	Pos KM	Pos KM
LL3VFR	Pos LMG	Pos LMG
LMUTT6	Pos PTMB, HemDirect	Pos PTMB, HemDirect
LPPF7X	Pos TMB	Pos TMB
LQ7EB6	Pos KM, HemaTrace	Pos KM, HemaTrace
LQADPT	Pos TMB	Pos TMB
LRL6LF	Pos KM	Pos KM
LTQRRF	Pos KM	Pos KM
LTT684	Pos KM	Pos KM
LU8H3R	Pos KM, HemaTrace	Pos KM
LUZCK4	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
LVRDJZ	Pos KM, HemDirect	Pos KM, HemDirect
LX79MQ	Pos TMB	Pos TMB
LXE8R2	Pos LMG	Pos LMG
LXFX3P	Pos LMG, HemaTrace	Pos LMG, HemaTrace
M2R8L8	Pos TMB	Pos TMB
M2ZEFA	Pos KM	Pos KM
M6GWKY	Pos LMG	Pos LMG
M7T4TE	Pos KM	Pos KM
M7UDU8	Pos KM	Pos KM
M964KL	Pos TMB	Pos PHT
M973H2	Pos TMB	Pos TMB
MCBULZ	Pos KM	Pos KM
MCGQNK	Pos KM	Pos KM
MCKBFU	Pos KM	Pos KM
MCY8WF	Pos KM, HemaTrace	Pos KM, HemaTrace
MHJE76	Pos KM and Combur (TMB)	Pos KM and Combur (TMB)
MMJ4LZ	Pos KM	Pos KM
MN7YX7	Pos KM, HemaTrace	Pos KM, HemaTrace
MQHPR4	Pos LMG	Pos LMG
MQQRRW	Pos IR, PHT	Pos IR, PHT
MU9Y43	Pos TMB, Takayama	Pos TMB, Takayama
MVDEUA	Pos KM	Pos KM
MZ4X8K	Pos PHT	Pos PHT

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
MZPBPB	Pos LMG	Pos LMG
N2AHA7	Pos PTMB	Pos PTMB
N2TWQA	Pos TMB, ABACard HemaTrace	Pos TMB, ABACard HemaTrace
N3PAD3	Pos O-tol, HemaTrace	Pos O-tol
N8J4EA	Pos HemDirect	Pos HemDirect
N8YYMH	Pos KM	Pos KM
NABJ38	Pos PTMB	Pos PTMB
NCR4E2	Pos KM	Pos KM
NCUTJX	Pos KM, HB	Pos KM, HB
NDZAJP	Pos TMB, IR	Pos TMB, IR
NE729G	Pos PHT	Pos TMB
NG34KZ	Pos KM, HemaTrace	Pos KM, HemaTrace
NMXPXM	Pos KM	Pos KM
NNQV4E	Pos KM	Pos KM
NNTX8W	Pos TMB	Pos TMB
NTZ2PD	Pos KM	Pos KM
NUCRNV	Pos KM	Pos KM
NV34M	Pos IR, TMB	Pos IR, TMB
NW8JJL	Pos IR, PHT	Pos IR, PHT
NWFRH2	Pos KM	Pos KM
NY8JAZ	Pos KM	Pos KM
NYXYXN	Pos LMG	Pos LMG
NZY7LF	Pos KM	Pos KM
NZYH97	Pos KM and HemaTrace	Pos KM and HemaTrace
P2FHA6	Pos TMB	Pos TMB
P2XWHA	Pos ABA heme	Pos ABA heme
P369AJ	Pos KM	Pos KM
P3KAUF	Pos ABACard HemaTrace	Pos ABACard HemaTrace
P4UPZT	Pos TMB	Pos TMB
P6R26M	Pos HEXAGON OBTI	Pos HEXAGON OBTI
P7KB24	Pos ABACard HemaTrace	Pos ABACard HemaTrace
P8T2VT	Pos TMB	Pos TMB
P9LZ26	Pos KM, HemaTrace	Pos KM, HemaTrace
PAFNKZ	Pos KM	Pos KM
PAXXBF	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PBNY4W	Pos TMB	Pos TMB
PEMYXG	Pos KM	Pos KM
PGZLB9	Pos TMB, HemaTrace	Pos TMB, HemaTrace
PLKQ36	Pos KM, HemaTrace	Pos KM, HemaTrace
PLTQ2R	Pos KM	Pos KM
PM6PWZ	Pos KM	Pos KM
PMJ4CW	Pos LMG	Pos LMG
PNMZ88	Pos TMB, Hemochromogen	Pos TMB, Hemochromogen
PPC4KU	Pos KM	Pos KM
PQ6Y3W	Pos KM	Pos KM
PRXNCQ	Pos TMB	Pos TMB
PTU3ZA	Pos (IR) Light, KM	Pos (IR) Light, KM
PZCNTD	Pos KM	Pos KM
Q2WY6Y	Pos LMG	Pos LMG
Q6J32G	Pos LMG	Pos LMG, HemaTrace
Q733QL	Pos O-tol	Pos O-tol
Q743KU	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
Q7BK4X	Pos KM	Pos KM
Q969LT	Pos KM	Pos KM
Q98E39	Pos KM	Pos KM
QALAUE	Pos KM	Pos KM
QGVPGN	Pos KM	Pos KM
QGXH6N	Pos KM, rtPCR	Pos KM, rtPCR
QH43JX	Pos TMB	Pos TMB
QKBBV4	Pos TMB	Pos PHT
QL63YM	Pos KM	Pos KM
QLFDCM	Pos KM	Pos KM
QLN6DP	Pos TMB	Pos TMB
QM8JQR	Pos KM	Pos KM
QN4YYH	Pos KM	Pos KM
QQDMQZ	Pos LMG	Pos LMG
QQQQRZ	Pos O-tol	Pos O-tol
QRVDZK	Pos IR, TMB	Pos IR, TMB
QU2ZNB	Pos KM	Pos KM
QVPXWW	Pos KM, Thevenon-Roland	Pos KM, Thevenon-Roland

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
QVYBKD	Pos O-tol	Pos O-tol
QWPEBZ	Pos KM, HemaTrace	Pos KM, HemaTrace
QXPCP2	Pos KM, HemaTrace	Pos KM, HemaTrace
QXPQE3	Pos LMG	Pos LMG
QXWU7K	Pos IR, PHT	Pos IR, PHT
R83ZTY	Pos KM, HEM	Pos KM, HEM
R9K9H9	Pos KM	Pos KM
R9RNY3	Pos HemaTrace	Pos HemaTrace
R9ZBN3	Pos KM	Pos KM
RAGJDB	Pos KM	Pos KM
RDT9HY	Pos KM, HemaTrace	Pos KM, HemaTrace
RE2J2W	Pos TMB	Pos TMB
RFRMRH	Pos IR, TMB	Pos IR, TMB
RGPXMK	Pos TMB	Pos TMB
RGXAQW	Pos LMG	Pos LMG
RH77R8	Pos KM	Pos KM
RHRZUQ	Pos KM	Pos KM
RJFZPT	Pos KM, HemDirect	Pos KM, HemDirect
RMM9D6	Pos KM	Pos KM
RNNDEE	Pos KM, HemaTrace	Pos KM, HemaTrace
RP6H44	Pos KM	Pos KM
RQGCI6	Pos KM	Pos KM
RTKY93	Pos TMB, KM	Pos TMB, KM
RVF3AW	Pos KM, TMB	Pos KM, TMB
RW9L7A	Pos OBTI	Pos OBTI
RXCBYR	Pos TMB	Pos TMB
RXV8FX	Pos TMB, Hemochromogen	Pos TMB
RY7YHM	Pos TMB	Pos TMB
T3TYP9	Pos KM	Pos KM
T3TZDM	Pos KM	Pos KM
T4YLKZ	Pos KM	Pos KM
T6HU73	Pos KM	Pos KM
T7CHNX	Pos KM, HemaTrace	Pos KM, HemaTrace
TBEABV	Pos KM, HemaTrace	Pos KM, HemaTrace
TBK3BC	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
TCE834	Pos KM	Pos KM
TCH4MV	Pos KM, TMB	Pos KM, TMB
TCQXNF	Pos IR, PHT	Pos IR, PHT
TD6BGJ	Pos LMG	Pos LMG
TDQFX3	Pos HemDirect	Pos HemDirect
TFN42F	Pos KM	Pos KM
TFVKGC	Pos KM	Pos KM
TGE9DY	Pos KM	Pos KM
THN7WH	Pos KM, HemaTrace	Pos KM, HemaTrace
TJE7HD	Pos LMG	Pos LMG
TL2HJ4	Pos KM	Pos KM
TLLVW3	Pos LMG	Pos LMG, HemaTrace
TM4LG9	Pos KM	Pos KM
TMFNNE	Pos KM	Pos KM
TQ9R97	Pos KM, HemDirect	Pos KM, HemDirect
TWX74E	Pos TMB	Pos PHT
TX7D9T	Pos TMB	Pos PHT
TZ3VKF	Pos KM	Pos KM
TZMVX2	Pos KM	Pos KM
TZURUH	Pos KM, IR	Pos KM, IR
TZWH3L	Pos TMB	Pos TMB
U3QTLJ	Pos KM	Pos KM
U3WCVM	Pos IR, PHT	Pos IR, PHT
U4GYYP	Pos KM	Pos KM
U4RQN8	Pos PHT	Pos PHT
UA44WC	Pos LMG	Pos LMG
UAG9YC	Pos TMB	Pos KM
UAVGP7	Pos KM	Pos KM
UBQHNN	Pos PHT, IR	Pos PHT, IR
UCKPV2	Pos KM, HemaTrace	Pos KM, HemaTrace
UCLWH9	Pos KM	Pos KM
UD7LWM	Pos KM	Pos KM
UDRHJ2	Pos KM	Pos KM
UFVP4L	Pos KM	Pos KM
UG7RQK	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UJAFYV	Pos PTMB	Pos PTMB, RSID
ULHTK3	Pos LMG	Pos LMG
ULL4M2	Pos KM	Pos KM
UMR7BX	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
UMUXA9	Pos KM	Pos KM
UPMZK9	Pos KM	Pos KM
UPYZZP	Pos KM	Pos KM
UQFXN9	Pos KM	Pos KM
UQTNHL	Pos KM	Pos OT, HemaTrace
UT4HP7	Pos KM	Pos KM
V34DY3	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
V4VEXX	Pos KM, HemaTrace	Pos KM, HemaTrace
V64EP4	Pos TMB, HemaTrace	Pos TMB, HemaTrace
V73WYF	Pos KM	Pos KM
V7HWUW	Pos HemaTrace ABACard	Pos HemaTrace ABACard
V8L6MG	Pos TMB, IR	Pos TMB, IR
V8QHEJ	Pos LMG	Pos LMG
V99393	Pos KM, HemaTrace	Pos KM, HemaTrace
VBMLVY	Pos KM	Pos KM
VC738Q	Pos KM	Pos KM
VCMKLC	Pos LMG, HemaTrace	Pos LMG, HemaTrace
VDNUWW	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
VECBQJ	Pos LMG	Pos LMG
VJ3TW8	Pos TMB	Pos TMB
VJE48L	Pos KM	Pos KM
VJNRAT	Pos KM, HemaTrace	Pos KM, HemaTrace
VJUZX2	Pos LMG	Pos LMG
VJWKCB	Pos LMG, HT	Pos LMG, HT
VKB2TK	Pos TMB	Pos TMB
VKUQAF	Pos IR, TMB	Pos IR, TMB
VKVP7A	Pos TMB	Pos TMB
VKY7JZ	Pos PTMB	Pos PTMB
VLQ8JW	Pos KM, HemaTrace	Pos KM, HemaTrace
VMQ6XX	Pos KM, HemaTrace	Pos KM, HemaTrace
VMVGY2	Pos ABA Heme	Pos ABA Heme

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VWQZP3	Pos KM	Pos KM
VXPJVV	Pos HemaTrace	Pos HemaTrace
VYJCL8	Pos KM	Pos KM
W3WQYZ	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
W47XY8	Pos O-tol	Pos O-tol
W49N44	Pos KM	Pos KM
W4QLDV	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
W4TP47	Pos KM	Pos KM
W7K8LE	Pos O-tol	Pos O-tol
W7NM3L	Pos KM	Pos KM
W7TFZE	Pos IR, KM	Pos IR, KM
W8DLRY	Pos LMG, HemaTrace	Pos LMG, HemaTrace
W8JWXU	Pos LMG	Pos LMG
W9MQ4Z	Pos KM	Pos KM
W9V6YW	Pos KM; HemaTrace	Pos KM; HemaTrace
WBAPKX	Pos TMB(Hemastix);HemaTrace	Pos TMB(Hemastix);HemaTrace
WE289A	Pos PH, HemaTrace	Pos PH, HemaTrace
WEEUHY	Pos KM, TMB	Pos KM, TMB
WFLTBZ	Pos KM, Luminol, HemDirect	Pos KM, Luminol, HemDirect
WG77E6	Pos KM	Pos KM
WGYHFX	Pos PTMB	Pos PTMB
WME48N	Pos TMB	Pos TMB
WMUK7N	Pos TMB, PHT	Pos TMB, PHT
WPZEYW	Pos KM	Pos KM
WQ2K2V	Pos KM, HemaTrace	Pos KM, HemaTrace
WU764M	Pos KM	Pos KM
WW8FE4	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
WWTD43	Pos hemastix, HemaTrace	Pos hemastix, HemaTrace
WXL2Q6	Pos KM	Pos KM
WXPN4C	Pos LMG	Pos LMG
WYZ772	Pos KM, HemaTrace	Pos KM, HemaTrace
WZ9EX9	Pos KM	Pos KM
WZDQWQ	Pos PHT, HemaTrace	Pos PHT, HemaTrace
X22GQ4	Pos KM	Pos KM
X4MERE	Pos KM, HemaTrace	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
X4TJN6	Pos KM	Pos KM
X7JP2N	Pos KM	Pos KM
X8KK2X	Pos LMG	Pos LMG
X9Q6EL	Pos KM	Pos KM
XBUK2R	Pos O-tol	Pos O-tol
XCHAW6	Pos O-tol	Pos O-tol
XCKMCT	Pos KM	Pos KM
XD3K8P	Pos TMB	Pos TMB
XG22KE	Pos KM	Pos KM
XKCFP7	Pos KM	Pos KM
XN944R	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
XQ3HLX	Pos KM	Pos KM
XTJDXG	Pos TMB	Pos TMB
XU67D7	Pos LMG, HT	Pos LMG, HT
XUD32B	Pos IR, TMB	Pos IR, TMB
XW49Q2	Pos KM	Pos KM
XWAFFG	Pos KM, HemaTrace	Pos KM
XY8VHK	Pos PTMB, HemDirect	Pos PTMB, HemDirect
XZB9RZ	Pos KM	Pos KM
Y3B2WJ	Pos KM	Pos KM
Y4ARG7	Pos KM, Hemdirect	Pos KM, Hemdirect
Y4MTT7	Pos KM	Pos KM
Y8XQ2Z	Pos KM, HemDirect	Pos KM, HemDirect
Y9XMTJ	Pos KM	Pos KM
YAWPZ2	Pos LMG	Pos LMG
YFNJ2E	Pos TMB	Pos TMB
YGP68R	Pos KM, HemaTrace	Pos KM, HemaTrace
YJTK9B	Pos KM	Pos KM
YJW6YX	Pos KM	Pos KM
YKQD8V	Pos KM	Pos KM
YPLMEU	Pos KM, TMB (Combur)	Pos KM, TMB (Combur)
YQ7AGB	Pos TMB, IR	Pos TMB, IR
YVP4WA	Pos KM	Pos KM
YVTNZ6	Pos KM	Pos KM
YXEADZ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YZM498	Pos KM	Pos KM
Z2BWL3	Pos ABACard HemaTrace	Pos ABACard HemaTrace
Z2RXJX	Pos LMG, HT	Pos LMG, HT
Z4NCHZ	Pos KM	Pos KM
Z9B2QX	Pos TMB, HemaTrace	Pos TMB, HemaTrace
ZB2YRW	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
ZFZ9HQ	Pos ABA Heme	Pos ABA Heme
ZGK6MH	Pos KM	Pos KM
ZGKAVY	Pos KM, Hem Direct	Pos KM, Hem Direct
ZKDTLQ	Pos KM, HemaTrace	Pos KM, HemaTrace
ZL4YZW	Pos KM	Pos KM
ZLDABF	Pos KM	Pos KM
ZLZJJP	Pos KM	Pos KM
ZUAYZW	Pos PTMB, RSID	Pos PTMB
ZW26PN	Pos O-tol, HemaTrace	Pos O-tol
ZWUZQD	Pos LMG	Pos LMG
ZXMZL3	Pos KM, HemaTrace	Pos KM, HemaTrace
ZXNNA9	Pos KM	Pos KM
ZZPGPU	Pos TMB	Pos TMB

Table 1a: Serology Screening Response Summary - Blood			Participants: 682
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	682	682	
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
23TXPF	Neg ALS, AP	Pos ALS, AP, Micro
24UDAX	Neg ALS, AP	Pos ALS, AP, PSA, Micro
26MLJW	Neg ALS, AP, Micro	Pos ALS, AP, Micro
26YV8M	Neg p30	Pos p30
28VVEZ	Neg AP	Pos AP
28XC6K	Neg PSA	Pos PSA
28YR9R	Neg AP, Micro, PSA	Pos AP, Micro
2A4V62	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2CFWFK	Neg AP, ALS	Pos AP, ALS, PSA, Micro
2F6QMU	Neg AP, PSA, Micro	Pos AP, PSA, Micro
2GNKEW	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2GX6UC	Neg AP	Pos AP, Micro, PSA
2HAK6C	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2HDFVQ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
2KH8M4	Neg AP	Pos AP, Micro
2LCE6Z	Neg ALS, AP	Pos ALS, AP, Micro
2QVXV	Neg ALS	Pos AP, PSA, ALS
2THHG2	Neg ALS, AP, RSID, Micro	Pos ALS, AP, RSID, Micro
2UUGXY	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
2VWYGE	Neg ALS, AP	Pos ALS, AP, Micro, PSA
2WXYLY	Neg AP, Micro, p30, ALS	Pos AP, Micro, p30, ALS
2X7NWH	Neg AP Spot, Seratec PSA, Micro	Pos AP Spot, Seratec PSA, Micro
2ZFHPU	Neg ALS, AP Spot	Pos ALS, AP Spot, PSA
2ZFWGG	Neg AP, PSA	Pos AP, PSA
32L3VN	Neg AP, Micro, PSA	Pos AP, Micro, PSA
33U7EE	Neg ALS, AP	Pos ALS, AP, Micro, PSA
34FKDH	Neg AP, ALS	Pos AP, ALS, Micro
38GN66	Neg AP	Pos AP, PSA, Micro
3B9ZMU	Neg ALS, AP, Micro	Pos ALS, AP, Micro
3DUP6L	Neg AP	Pos AP
3EX7FR	Neg AP	Pos AP
3G4R8X	Neg AP Spot Test, Micro Exam	Pos AP Spot Test, Micro Exam

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
3HJHME	Neg AP, ALS	Pos PSA, Micro, AP, ALS
3J6TW9	Neg AP, Micro	Pos AP, Micro
3KU6UT	Neg AP	Pos AP, Micro
3LTCAT	Neg AP	Pos AP, Micro
3NZ8GW	Neg AP	Pos AP
3QDJ4T	Neg ALS, AP, Micro	Pos ALS, AP, PSA, Micro
3QWADC	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
3R6Y84	Neg AP, Micro, PSA	Pos AP, Micro, PSA
3VMR8R	Neg RSID	Pos RSID
43QZDB	Neg ALS, AP	Pos ALS, AP, Micro, PSA
48DGH3	Neg ALS, AP	Pos ALS, AP, Micro
48FM4A	Neg ALS, AP	Pos ALS, AP, PSA, Micro
48VC7W	Neg AP, Micro	Pos AP, Micro
4AQ98H	Neg AP	Pos AP
4DB9DP	Neg AP, Micro, PSA	Pos AP, Micro, PSA
4EZ2ZR	Neg ALS, AP, PSA	Pos ALS, AP, PSA
4J46PV	Neg ALS, AP, p30, Microscopy	Pos ALS, AP, p30, Microscopy
4KCBTJ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
4NPAR7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4PAVUM	Neg AP	Pos AP
4PTT89	Neg AP	Pos AP, Micro, PSA
4QQGRA	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4QWLNZ	Neg AP and Micro	Pos AP and Micro
4RA8CF	Neg AP	Pos AP
4RPKN7	Neg ALS, AP	Pos ALS, AP, Micro, AP
4TJ972	Neg AP	Pos AP, PSA, Micro
4U6F7J	Neg AP, PSA, Micro	Pos AP, PSA, Micro
4UG4V4	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4W6FWV	Neg AP	Pos AP, Micro
4W6HGT	Neg AP	Pos AP, Micro
637Q7F	Neg AP, PSA, Micro	Pos AP, PSA, Micro
682HGX	Neg AP, PSA, Micro	Pos AP, PSA, Micro
6B7JPU	Neg AP	Pos AP, Micro
6CMWP7	Neg AP	Pos AP, Micro, p30

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6EC9NC	Neg PSA	Pos PSA, Micro
6GNF83	Neg AP	Pos AP
6L3CCZ	Neg AP	Pos AP
6LFPDU	Neg ALS, AP, Micro	Pos ALS, AP, Micro
6MPQ8F	Neg AP, ALS	Pos AP, Micro, PSA, ALS
6MQGH6	Neg AP, Micro, PSA	Pos AP, Micro, PSA
6P3PTX	Neg AP	Pos AP, Micro
6RCBKP	Neg AP	Pos
6WAJDZ	Neg AP	Pos AP, PSA
6YRXCX	Neg AP	Pos AP
738Q2D	Neg PSA	Pos PSA
73E3BA	Neg ALS, AP	Pos ALS, AP, Micro, PSA
73QMDD	Neg ALS, AP	Pos ALS, AP, Micro
744796	Neg AP, Micro, ALS	Pos AP, PSA, Micro, ALS
74EKLY	Neg RSID-Semen	Pos RSID-Semen
74ZWMT	Neg AP	Pos AP
76KLA7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
773RRU	Neg AP, p30, Micro	Pos AP, p30, Micro
783Z8L	Neg AP, PSA	Pos AP, PSA, Micro
78NGT9	Neg ALS, AP	Pos ALS, AP, Micro, PSA
78R37F	Neg ALS, AP	Pos ALS, AP, Micro, PSA
7AJ4MP	Neg AP	Pos AP, Micro
7CUNQT	Neg AP	Pos AP, Micro
7FEK4	Neg ALS, AP	Pos ALS, AP, Micro
7JWTP6	Neg PSA	Pos PSA
7REU8X	Neg ALS, AP	Pos ALS, AP, PSA, Micro
7TEJYA	Neg AP	Pos AP, Micro, PSA
7UPGCR	Neg AP	Pos AP, Micro
7WH7XX	Neg PSA, Micro, AP	Pos PSA, Micro, AP
7WP9TX	Neg AP	Pos AP, PSA, Micro
7ZFLFT	Neg AP	Pos AP, PSA, Micro
829XM7	Neg AP, Micro	Pos AP, Micro
83M4QG	Neg AP	Pos AP
86W7DU	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
88RERB	Neg ALS, AP	Pos ALS, AP, PSA, Micro
8A8X7M	Neg AP	Pos AP
8AR3ZZ	Neg AP	Pos AP, PSA, Micro
8CPQX9	Neg AP	Pos AP
8L7NBR	Neg ALS, AP	Pos ALS, AP
8N3CBN	Neg AP, Micro	Pos AP, Micro
8P9MLK	Neg ALS, AP	Pos ALS, AP, Micro, PSA (p30)
8TTFRL	Neg AP, PSA, Micro	Pos AP, PSA, Micro
8VGRTC	Neg AP, PSA	Pos AP, PSA
8XV2FJ	Neg AP	Pos AP, PSA
8XZ393	Neg ALS, AP	Pos ALS, AP, Micro, PSA
8Y3GDP	Neg AP	Pos AP, Micro
8YYR9R	Neg ALS, AP, Micro	Pos ALS, AP, Micro
93EAYV	Neg AP, Micro, p30	Pos AP, Micro
93U66F	Neg AP	Pos AP
96D9N7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
96R48M	Neg RSID Semen	Pos RSID Semen
972DVD	Neg AP, PSA	Pos AP, PSA, Micro
98QBYQ	Neg AP, Micro	Pos AP, Micro
9BCFRG	Neg PSA	Pos PSA
9BGAKH	Neg AP, PSA	Pos AP, PSA, Micro
9E34L2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
9ECLBU	Neg AP and Micro	Pos AP and Micro
9HRV7R	Neg ABACard p30	Pos ABACard p30
9J8BYD	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
9KG4CM	Neg RSID	Pos RSID
9L8APR	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
9M6UX7	Neg AP, Micro	Pos AP, Micro
9PJTGZ	Neg ALS, AP, Micro	Pos ALS, AP, PSA, Micro
9QQUY8	Neg AP	Pos AP, Micro
9TFZJ4	Neg AP	Pos AP, Micro, PSA
9TYRQ3	Neg AP	Pos AP, PSA, Micro
9U8XVQ	Neg AP, Micro, p30	Pos AP, Micro, p30
9WG4BQ	Neg RSID	Pos RSID

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9XYCZZ	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
9XYDWJ	Neg AP	Pos AP, Micro
9Z9FMN	Neg AP	Pos AP
A3TMLB	Neg AP, PSA, Micro	Pos AP, PSA, Micro
A68HT9	Neg ALS, AP	Pos ALS, AP, Micro, PSA
A8NXXH	Neg AP	Pos AP, Micro
A9ARZY	Neg AP	Pos AP, p30, Micro
A9R7RM	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
AA27T	NT	Pos ALS, AP, PSA, Micro
AD98YZ	Neg AP	Pos AP, Micro
ADBCGA	Neg AP	Pos AP
ADTANF	NT	Pos AP, Micro
AENYYP	Neg AP	Pos AP, PSA, Micro
AF4XTZ	Neg AP, ALS	Pos AP, PSA, Micro, ALS
AGGUWJ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
AH3M8Z	Neg APO	Pos APO, PSA, Micro
AHT7YU	Neg AP, Micro, PSA	Pos AP, Micro, PSA
AKDFNL	Neg ALS, AP, PSA, Micro	Pos AP, PSA, Micro
AL2Y4Z	Neg AP, Micro	Pos AP, Micro
ALR7XL	Neg RSID	Pos RSID
AMZJFM	Neg AP	Pos AP, Micro
APQPTR	Neg AP, Micro	Pos AP, Micro
AQ4NCL	Neg AP	Pos AP, Micro
ATQJ4F	Neg AP, PSA	Pos AP, PSA
AUJ6HK	Neg AP, Micro, ALS, PSA	Pos AP, Micro, ALS, PSA
AVEDHV	Neg AP, PSA, Micro	Pos AP, Micro
AWK9XL	Neg AP	Pos AP
AYVHDK	Neg AP	Pos AP
AZZP3J	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
B3VN9M	Neg RSID	Pos RSID
B4PWGL	Neg AP, Micro, PSA	Pos AP, Micro
B69HP2	Neg ALS, AP	Pos ALS, AP, Micro
B86WN7	Neg AP	Pos AP & Micro
B8XX44	Neg AP	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
BA4BTH	Neg AP	Pos AP
BDYN3U	Neg AP	Pos AP, Micro
BE7JP2	Neg PSA	Pos PSA
BEJAKY	Neg AP	Pos AP, Micro
BEYTX	Neg AP	Pos AP
BFR3W6	Neg AP	Pos AP, Micro, PSA
BGE9YH	Neg AP	Pos AP, Micro, PSA
BHVMWY	Neg ALS, AP	Pos ALS, AP, Micro
BJTXR2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
BL4NMP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
BLLDCF	Neg AP, PSA	Pos AP, PSA, Micro
BP2HT6	Neg Micro, PSA	Pos Micro, PSA
BRHCCT	Neg AP	Pos AP, Micro
BTEE69	Neg ALS, AP	Pos ALS, AP, p30, Micro
BU2JFL	Neg RSID Card	Pos RSID card
BU7DGL	Neg ALS, PSA, Micro, AP	Pos ALS, PSA, Micro, AP
BUFCBJ	Neg AP	Pos AP, PSA, Micro
BUFZKM	Neg AP, p30	Pos AP, p30
BUM3FM	Neg AP, Micro	Pos AP, PSA, Micro
BUW8HP	Neg AP, p30, Micro	Pos AP, p30, Micro
BVAQP2	Neg AP, PSA, ALS	Pos AP, PSA, Micro, ALS
BVLKUF	Neg AP	Pos AP, Micro
BW4KZQ	Neg AP, Micro, PSA	Pos AP, Micro, PSA
BW7KFD	Neg Micro, PSA	Pos Micro, PSA
BYGUQ6	Neg AP	Pos AP, Micro, PSA
C6CJ6L	Neg AP, PSA	Pos AP, PSA, Micro
CA3VZH	Neg AP, PSA, Micro	Pos AP, PSA, Micro
CCWN99	Neg AP, PSA	Pos AP, PSA
CE9HL7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
CF473G	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
CF8P3Q	Neg AP, Microscopy	Pos AP, Microscopy
CFAE8N	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
CH8YUU	Neg AP	Pos AP, PSA, Micro
CJ29NQ	Neg AP, PSA	Pos AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CJ2MCP	Neg AP, ALS	Pos Micro, ALS, AP, PSA
CQCKF4	Neg Micro, PSA	Pos Micro, PSA
CQDEAV	Neg AP, Micro	Pos AP, Micro
CR92LY	Neg ALS, AP	Pos ALS, AP, PSA and Micro
CRPKLJ	Neg ALS, AP, Microscopic	Pos ALS, AP, Microscopic
CTGV7H	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
CUNGVD	Neg AP	Pos AP, Micro
CXMVH4	Neg AP	Pos AP, Micro, PSA
CYXUV	Neg AP, Micro	Pos AP, Micro
CZW3KW	Neg AP	Pos AP, PSA, Micro
D3PKQB	Neg AP	Pos AP
D73HZJ	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
D9A42J	Neg PSA, AP	Pos PSA, AP
DEE3C9	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
DGHYMB	Neg AP	Pos AP, Micro, PSA
DH79J6	Neg ALS, AP	Pos ALS, AP, Micro
DJMHTJ	Neg AP	Pos AP, Micro
DLD4HN	Neg ALS, p30	Pos ALS, p30
DNAFY9	Neg ALS, AP	Pos ALS, AP, Micro, PSA
DPFBCE	Neg PSA	Pos PSA
DPUH2N	Neg AP, Micro, PSA	Pos AP, Micro, PSA
DU696A	Neg AP	Pos AP
DV4M49	Neg PSA	Pos PSA
DV8TFH	Neg PSA	Pos PSA, Micro
E3K2GJ	Neg AP	Pos AP, Micro
E43JLV	Neg ALS; AP	Pos ALS; AP; Micro; PSA
E69W68	Neg AP, PSA, Micro	Pos AP, PSA, Micro
E8M8KB	Neg ALS, AP	Pos ALS, AP, Microscopic, p30
E97Y4L	Neg AP, Micro	Pos AP, Micro
E9MJQY	Neg AP, PSA	Pos AP, PSA, Micro
EBDEEX	Neg AP	Pos AP, Micro
EBKWJA	Neg ALS, AP	Pos ALS, AP, Micro, PSA
ECRKW9	Neg AP	Pos AP
EF3UQX	Neg AP, Micro	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EG9UJG	Neg AP, RSID-Semen	Pos AP, RSID-Semen
EHCYJE	Neg AP	Pos AP, Micro
EJVF3N	Neg ALS, AP	Pos ALS, AP, Micro
EKX7JU	Neg AP/ ALS	Pos AP / ALS
EMCW9L	Neg AP, Micro for Sperm	Pos AP, Micro for Sperm
EP84XN	Neg AP	Pos AP, Micro
EQD2YG	Neg APspot	Pos APspot
ETTZ4A	Neg SM, PSA	Pos SM, PSA
EUJUH	Neg AP	Pos AP, Micro
EV2AZD	Neg AP, Micro, PSA	Pos AP, Micro
EVG4ML	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
EWBVHE	Neg AP	Pos AP, Micro
EX7B8H	Neg ALS	Pos ALS, AP, Micro
EX7DTF	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
EZ6ZLH	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
F3EJ2E	Neg ALS, AP, Micro	Pos ALS, AP, Micro
F42UB8	Neg ALS, AP	Pos ALS, AP, Micro, PSA
F636NB	Neg ALS, AP, Micro	Pos ALS, AP, Micro
FB6YZA	Neg AP	Pos AP, Micro
FBED97	Neg AP, Micro	Pos AP, Micro
FCHRCH	Neg AP	Pos AP, p30, Micro
FF6XZT	Neg ALS, AP	Pos ALS, AP, Micro
FF7ALJ	Neg AP, Micro, PSA	Pos AP, Micro
FHYYP	Neg AP	Pos AP, PSA, Micro
FJXW3C	Neg AP	Pos AP, Micro
FKQWX3	Neg ALS, AP	Pos ALS, AP, Micro, PSA
FL996T	Neg AP	Pos AP PSA
FPXPL7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
FRY8PM	Neg AP	Pos AP, PSA
FT99LU	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
FUBUJV	Neg ALS, AP	Pos ALS, AP, Micro
FV3VG7	Neg ALS, AP	Pos ALS, AP, Micro
FW7ANQ	Neg AP	Pos AP
FX3PWF	Neg ALS, AP	Pos ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
FXTLRH	Neg ALS, AP	Pos ALS, AP, Micro
FYBFTR	Neg AP	Pos AP, PSA, Micro
FZ8MEH	Neg AP	Pos AP, Micro
G3KCDJ	Neg ALS, AP	Pos ALS, AP
G497ZG	Neg AP	Pos AP, Micro
G7YBMM	Neg AP, ALS	Pos AP, ALS, Micro
G8QEE9	Neg PSA, Micro	Pos PSA, Micro
GFJMWE	Neg AP	Pos AP, p30, Micro
GG79BA	Neg Micro, PSA	Pos Micro, PSA
GJ4FRT	Neg AP	Pos AP, Micro, PSA
GJV33Q	Neg AP	Pos AP, PSA, Micro
GJWMHJ	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
GKC74X	Neg ALS, PSA	Pos ALS, PSA
GKC9QG	Neg AP	Pos AP, PSA, Micro
GKK86P	Neg ALS, AP, Micro	Pos ALS, AP, Micro, p30
GM3CH3	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
GNPNQZ	Neg AP	Pos AP, Micro, PSA
GP8Z2Y	Neg PSA	Pos PSA
GQKP6B	Neg AP, Micro	Pos AP, Micro
GRRG4W	Neg PSA	Pos PSA
GT7DKH	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
GTGYQQ	Neg AP	Pos AP
GTLLMQ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
GWRNPU	Neg AP	Pos AP, Micro
GWY77C	Neg AP	Pos AP
GYB4WV	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
GYVAK8	Neg PSA	Pos PSA, Micro
GZJYZR	Neg AP	Pos AP, PSA, Micro
H3EZPM	Neg ALS, AP, Micro	Pos ALS, AP, PSA, Micro
H4RT43	Neg ALS, AP	Pos ALS, AP, Micro, PSA
H97HR7	Neg AP	Pos AP, Seratec, Micro
HBF2ZM	Neg AP	Pos AP, PSA, Micro
HCF9QZ	Neg PSA	Pos PSA
HENAPR	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
HFVEYN	Neg AP, PSA, Micro	Pos AP, PSA, Micro
HGJHFF	Neg ALS, AP, PSA	Pos ALS, AP, PSA, Micro
HHD9K9	Neg AP, Micro, PSA	Pos AP, Micro, PSA
HJBFB	Neg AP, PSA, Micro	Pos AP, PSA, Micro
HJGKPH	Neg ALS, AP	Pos ALS, AP, Micro
HKQKX7	Neg AP, PSA	Pos AP, PSA
HLQ6VC	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
HNQA3C	Neg ALS, AP	Pos ALS, AP, Micro
HQD2XG	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
HTGJBP	Neg ALS, AP, PSA	Pos ALS, AP, Micro, PSA
HTGLX9	Neg ALS, AP	Pos ALS, AP, RSID-Semen, Micro
HXFZMJ	Neg AP, Micro	Pos AP, Micro
HZCCY6	Neg AP, Seratec	Pos AP, Seratec, Micro
HZGHTL	Neg AP, PSA, Micro	Pos AP, PSA, Micro
HZRPKF	Neg AP	Pos AP, Micro
J38Y2L	Neg Micro	Pos Micro
J4Z9VH	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
JANGBM	Neg AP, Micro	Pos AP, Micro
JBER2F	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
JBLEPU	Neg ALS, ap	Pos ALS, ap, psa, Micro
JBYJWL	Neg AP, Micro	Pos AP, Micro
JEWNAJ	Neg ALS, AP	Pos ALS, AP, Micro
JFMPAF	Neg AP	Pos AP, Micro
JFVK8V	Neg PSA	Pos PSA
JFYMUZ	Neg ALS, AP	Pos ALS, AP, PSA, Micro
JGT9PC	Neg RSID Semen	Pos RSID Semen
JHUK3D	Neg AP	Pos AP, PSA, Micro
JJRB8F	Neg p30	Pos p30
JKR4MY	Neg AP, ALS	Pos AP, ALS, Micro
JLTZB2	Neg AP, PSA, Micro	Pos AP, PSA, Micro
JNC92N	Neg AP	Pos AP, Micro, PSA
JP7WL6	Neg ALS; AP; Micro; PSA	Pos ALS; AP; Micro; PSA
JQ2BD4	Neg AP, Seratec	Pos AP, Seratec, Micro
JV3QAC	Neg PSA, Micro	Pos PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
JX2YLV	Neg ALS, AP	Pos ALS, AP, Micro, PSA
JXGJCE	Neg Semenogelin	Pos RSID Semenogelin
JXK8QC	Neg AP, Micro	Pos AP, Micro
JXKKKD	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
JYEBLL	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
K3BFR3	Neg AP	Pos AP, Micro, PSA
K4YGCL	Neg ALS, AP	Pos ALS, AP, PSA, Micro
K6JDHY	Neg AP	Pos AP
K8H39K	Neg AP	Pos AP, PSA, Micro
K92TNK	Neg AP	Pos AP, Micro
KB8A8A	Neg AP, Micro, PSA	Pos AP, Micro, PSA
KBYYQX	Neg AP	Pos AP, Micro
KCLKX2	Neg AP	Pos AP
KG2WCV	Neg PSA	Pos PSA
KJCPCP	Neg PSA, Micro	Pos PSA, Micro
KMENRN	Neg ALS, AP	Pos ALS, AP, Micro
KNDBH7	Neg AP	Pos AP, Micro
KRYXQL	Neg AP, Micro, PSA	Pos AP, Micro, PSA
KTCGMC	Neg AP, p30, Micro	Pos AP, p30, Micro
KVWWMQ	Neg AP	Pos AP, Micro
KWUMBY	Neg AP, PSA	Pos AP, PSA
KX4WN4	Neg AP	Pos AP
L4N6UF	Neg ALS, AP	Pos ALS, AP, PSA, Micro
L4NXGA	Neg AP, Micro, PSA	Pos AP, Micro, PSA
L6LL2B	Neg AP, PSA, Micro	Pos AP, PSA, Micro
L7GFAV	Neg Seratec PSA	Pos Seratec PSA
L7MPGL	Neg AP, ALS, PSA, Micro	Pos AP, ALS, PSA, Micro
L7UB99	Neg AP	Pos AP
L87K48	Neg AP, Micro, PSA	Pos AP, Micro
L8RE9B	Neg AP, PSA, Micro	Pos AP, Micro
L9JKE4	Neg PSA, Micro	Pos PSA, Micro
LBAGCA	Neg PSA	Pos PSA
LBAN6M	Neg AP	Pos AP
LDA92E	Neg AP	Pos AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LDDEFB	Neg AP	Pos AP
LE2NVX	Neg AP, ALS	Pos AP, ALS, Micro, PSA
LE7CJA	Neg ALS, AP SpotTest	Pos ALS, AP SpotTest, PSA
LH2UFV	Neg AP	Pos AP, Micro, PSA
LHG642	Neg ALS, AP	Pos ALS, AP, Micro, PSA
LJ6YPE	Neg PSA, Micro, AP (inconclusive)	Pos AP, Micro, PSA
LJCJXL	Neg AP	Pos AP, PSA, Micro
LJVHW6	Neg AP	Pos AP, Micro
LKJKD8	Neg AP	Pos AP, Micro
LKKCCF	Neg AP, PSA, Micro	Pos AP, PSA, Micro
LL3VFR	Neg AP	Pos AP, PSA, Micro
LMUTT6	Neg ALS, AP	Pos ALS, AP, p30, Micro
LPPF7X	Neg AP, ALS	Pos AP, ALS, Micro, PSA
LQ7EB6	Neg p30	Pos p30, Micro
LQADPT	Neg ALS, AP	Pos ALS, AP, Micro, PSA
LRL6LF	Neg ALS, AP	Pos ALS, AP
LTQRRF	Neg ALS, AP	Pos ALS, AP, Micro
LTT684	Neg PSA, ALS	Pos PSA, ALS
LU8H3R	Neg AP	Pos AP, Micro, p30
LUZCK4	Neg AP, PSA	Pos AP, PSA, Micro
LVRDZJ	Neg AP	Pos AP, Micro, PSA
LX79MQ	Neg AP, ALS	Pos AP, ALS, PSA, Micro
LXE8R2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
LXF3P	Neg AP, Micro, PSA	Pos AP, Micro, PSA
M2R8L8	Neg ALS, AP	Pos ALS, AP, PSA, Micro
M2ZEFA	Neg ALS, AP	Pos ALS, AP, Micro
M6GWKY	Neg AP	Pos AP, PSA
M7T4TE	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
M7UDU8	Neg ALS, AP	Pos ALS, AP, Micro, PSA
M964KL	Neg AP, p30, ALS, Micro	Pos AP, p30, ALS, Micro
M973H2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
MCBULZ	Neg AP	Pos AP
MCGQNK	Neg PSA	Pos PSA
MCKBFU	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
MCY8WF	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
MHJE76	Neg AP and PSA	Pos AP, PSA and Micro
MMJ4LZ	Neg Seratec PSA	Pos Seratec PSA
MQHPR4	Neg AP, PSA	Pos AP, PSA
MQQRRW	Neg ALS, AP	Pos ALS, AP, Micro
MU9Y43	Neg AP	Pos AP, Micro
MVDEUA	Neg AP	Pos AP, Micro
MZ4X8K	Neg AP, Micro, PSA	Pos AP, Micro, PSA
MZPBPB	Neg AP	Pos AP, PSA
N2AHA7	Neg AP	Pos AP, PSA, Micro
N2TWQA	Neg AP	Pos AP, PSA, Micro
N3PAD3	Neg ALS, AP, p30	Pos ALS, AP, Micro
N8J4EA	Neg PSA	Pos PSA, Micro
N8YYMH	Neg AP	Pos AP
NABJ38	Neg AP	Pos AP, Micro
NCR4E2	Neg Micro, PSA	Pos Micro, PSA
NCUTJX	Neg AP	Pos AP, Micro, PSA
NDZAJP	Neg ALS, AP	Pos ALS, AP, Micro, p30
NE729G	Neg ALS, AP	Pos ALS, AP, PSA, Micro
NG34KZ	Neg AP, Seratec	Pos AP, Seratec, Micro
NMXPXM	Neg ALS, AP	Pos ALS, AP, Micro, PSA
NNQV4E	Neg AP, Micro	Pos AP, Micro
NNTX8W	Neg ALS, AP	Pos ALS, AP, Micro, PSA
NTZ2PD	Neg AP, Micro, PSA	Pos AP, Micro, PSA
NUCRNV	Neg AP	Pos AP
NVV34M	Neg ALS, AP	Pos ALS, AP, Micro, PSA
NW8JL	Neg ALS, AP	Pos ALS, AP, Micro
NWFRH2	Neg AP	Pos AP
NY8JAZ	Neg ALS, AP, PSA, Mirco	Pos ALS, AP, PSA, Micro
NYXYXN	Neg AP	Pos AP, Micro, PSA
NZY7LF	Neg AP	Pos AP, Micro
NZYH97	Neg AP, PSA and Micro	Pos AP, PSA and Micro
P2FHA6	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
P2XWHA	Neg RSID Semen	Pos RSID Semen

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
P369AJ	Neg PSA	Pos PSA
P3KAUF	Neg ABACard p30	Pos ABACard p30
P4UPZT	Neg ALS, AP	Pos ALS, AP, Micro, PSA
P6R26M	Neg RSID Semen, PSA	Pos RSID Semen, PSA
P7KB24	Neg ABACard p30, ALS	Pos ABACard p30, ALS
P8T2VT	Neg AP, ALS	Pos AP, ALS, Micro, PSA
P9LZ26	Neg AP, Micro, PSA	Pos AP, Micro, PSA
PAFNKZ	Neg Micro, PSA	Pos Micro, PSA
PAXXBF	Neg AP	Pos AP
PBNY4W	Neg ALS, AP	Pos ALS, AP, Micro, p30
PEMYXG	Neg ALS, AP	Pos ALS, AP, Micro
PGZLB9	Neg AP	Pos AP, Micro
PLKQ36	Neg AP	Pos AP, Micro
PLTQ2R	Neg AP	Pos AP
PM6PWZ	Neg AP	Pos AP
PMJ4CW	Neg ALS, AP	Pos ALS, AP, Micro, PSA
PNMZ88	Neg AP	Pos AP, Micro
PPC4KU	Neg AP, PSA	Pos AP, PSA
PQ6Y3W	Neg AP	Pos AP
PRXNCQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
PTU3ZA	Neg ALS, AP, Micro	Pos ALS, AP, Micro
PZCNTD	Neg AP, Micro	Pos AP, Micro
Q2WY6Y	Neg ALS, AP	Pos ALS, AP, Micro, PSA
Q6J32G	Neg ALS, AP	Pos ALS, AP, Micro, PSA
Q733QL	Neg AP	Pos AP, Micro
Q743KU	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
Q7BK4X	Neg AP	Pos AP
Q969LT	Neg AP	Pos AP
Q98E39	Neg ALS, AP	Pos ALS, AP, PSA
QALAUE	Neg AP, ALS	Pos AP, ALS, Micro
QGVPGN	Neg AP(inconclusive), Micro(-), PSA(-)	Pos AP, Micro
QGXH6N	Neg ALS, PSA	Pos ALS, PSA
QH43JX	Neg ALS, AP	Pos ALS, AP, Micro, PSA
QKBBV4	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
QL63YM	Neg AP, PSA, Micro	Pos AP, PSA, Micro
QLFDCM	Neg AP, Micro	Pos AP, Micro
QLN6DP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
QM8JQR	Neg PSA, ALS	Pos PSA, ALS
QN4YYH	Neg ALS, AP	Pos ALS, AP, PSA, Micro
QQDMQZ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
QQQQRZ	Neg AP, PSA	Pos AP, PSA
QRVDZK	Neg ALS, AP	Pos ALS, AP, Micro, PSA
QU2ZNB	Neg AP	Pos AP
QVPXWW	Neg SpermTracker	Pos SpermTracker
QVYBKD	Neg AP	Pos AP, Micro
QXPQE3	Neg SM, RSID	Pos SM, RSID
QXWU7K	Neg ALS, AP	Pos ALS, AP, Micro
R83ZTY	Neg AP	Pos AP, Micro
R9K9H9	Neg ap	Pos ap, Micro
R9RNY3	Neg AP	Pos AP, Micro
R9ZBN3	Neg AP	Pos AP
RAGJDB	Neg ALS, AP	Pos ALS, AP, Micro
RE2J2W	Neg ALS, AP	Pos ALS, AP, PSA, Micro
RFRMRH	Neg ALS, AP	Pos ALS, AP, Micro
RGPXMK	Neg ALS, AP	Pos ALS, AP, Microscopy, PSA
RGXAQW	Neg SM	Pos SM, PSA
RH77R8	Neg AP	Pos AP
RHRZUQ	Neg AP	Pos AP, Micro, PSA
RJFZPT	Neg AP	Pos AP
RMM9D6	Neg AP	Pos AP, PSA, Micro
RNNDEE	Neg AP	Pos AP, PSA, Micro
RP6H44	Neg AP	Pos AP, Micro
RRBJ6A	Neg AP	Pos AP
RTKY93	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
RVF3AW	Neg AP	Pos AP, PSA, Micro
RW9L7A	Neg PSA	Pos PSA
RXCBYR	Neg ALS, AP	Pos ALS, AP, Micro, PSA
RXV8FX	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RY7YHM	Neg ALS, AP	Pos ALS, AP, Micro, PSA
T3TYP9	Neg AP, Micro, p30	Pos AP, Micro, p30
T3TZDM	Neg PSA, Micro	Pos PSA, Micro
T4YLKZ	Neg AP	Pos AP
T6HU73	Neg ALS, AP	Pos ALS, AP, PSA
T7CHNX	Neg ALS, AP	Pos ALS, AP, Micro
TBEABV	Neg AP	Pos AP, Seratec, Micro
TBK3BC	Neg AP, PSA, Micro	Pos AP, PSA, Micro
TCE834	Neg AP	Pos AP, PSA
TCH4MV	Neg AP	Pos AP
TCQXNF	Neg ALS, AP	Pos ALS, AP, Micro
TD6BGJ	Neg AP	Pos AP, Micro, PSA
TDQFX3	Neg PSA, Micro	Pos PSA, Micro
TFN42F	Neg ALS, AP	Pos ALS, AP, Micro
TFVKGC	Neg AP	Pos AP
TGE9DY	Neg AP, Micro	Pos AP, Micro
THN7WH	Neg AP, Micro	Pos AP, Micro, PSA
TJE7HD	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TL2HJ4	Neg AP, ALS	Pos AP, Micro, ALS
TLLVW3	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TM4LG9	Neg AP	Pos AP, Micro
TMFNNE	Neg AP	Pos AP
TQ9R97	Neg AP	Pos AP, Micro
TWX74E	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
TX7D9T	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TZ3VKF	Neg AP	Pos AP
TZMVX2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TZURUH	Neg ALS, AP	Pos ALS, AP, Micro
TZWH3L	Neg ALS, AP	Pos ALS, AP, Micro, PSA
U3QTLJ	Neg AP and Micro (Sperm Search)	Pos AP and Micro (Sperm Search)
U3WCVM	Neg ALS, AP	Pos ALS, AP, Micro
U4GYYP	Neg PSA	Pos PSA
U4RQN8	Neg ALS, AP	Pos ALS, AP
UA44WC	Neg AP	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
UAG9YC	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
UAVGP7	Neg AP, PSA(p30)	Pos AP, PSA(p30), Micro
UBQHNN	Neg ALS, AP	Pos ALS, AP, Micro
UCKPV2	Neg ALS, AP	Pos ALS, AP, PSA, Micro
UCLWH9	Neg ALS, AP	Pos ALS, AP
UD7LWM	Neg AP	Pos AP
UDRHJ2	Neg ALS, AP Spot	Pos ALS, AP Spot, PSA
UFVP4L	Neg AP, Micro, PSA	Pos AP, Micro, PSA
UG7RQK	Neg AP, Micro	Pos AP, Micro
UJAFYV	Neg AP	Pos AP, PSA, Micro
ULHTK3	Neg AP	Pos AP, Micro
ULL4M2	Neg ALS, AP	Pos ALS, AP, PSA
UMR7BX	Neg AP, PSA	Pos AP, Microscopy - Sperm, PSA
UMUXA9	Neg AP	Pos AP, Micro
UPMZK9	Neg AP	Pos AP, Micro
UPYZZP	Neg AP	Pos AP
UQFXN9	Neg AP, Micro, PSA	Pos AP, Micro, PSA
UT4HP7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
UVM7RD	Neg Acid Phosphatase (AP)	Pos Acid Phosphatase (AP)
V34DY3	Neg AP, PSA	Pos AP, PSA, Micro
V4VEXX	Neg AP, PSA, Micro	Pos AP, PSA, Micro
V64EP4	Neg AP, PSA	Pos AP, H&E
V73WYF	Neg PSA	Pos PSA
V7HWUW	Neg p30	Pos p30
V8L6MG	Neg ALS, AP	Pos ALS, AP, Micro, PSA
V8QHEJ	Neg AP	Pos AP/Micro/PSA
V99393	Neg PSA, Micro	Pos PSA, Micro
VBMLVY	Neg AP, Micro	Pos AP, Micro
VC738Q	Neg AP	Pos AP
VCMKLC	Neg AP, PSA, Micro	Pos AP, PSA, Micro
VDNUWW	Neg AP, RSID-Semen	Pos AP, RSID-Semen
VECBQJ	Neg AP	Pos AP, PSA, Micro
VJ3TW8	Neg ALS, AP	Pos ALS, AP, PSA, Micro
VJE48L	Neg AP, Micro	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
VJNRAT	Neg Micro, PSA	Pos Micro, PSA
VJUZZK2	Neg SM	Pos SM, PSA
VJWKC B	Neg AP, Micro, PSA	Pos AP, Micro
VKB2TK	Neg ALS, AP	Pos ALS, AP, PSA, Micro
VKUQAF	Neg ALS, AP	Pos ALS, AP, Micro, PSA
VKVP7A	Neg ALS, AP	Pos ALS, AP, Micro, PSA
VKY7JZ	Neg AP	Pos AP, Micro
VLQ8JW	Neg AP, PSA, Micro	Pos AP, PSA, Micro
VMVGY2	Neg RSID	Pos RSID
VWQZP3	Neg ALS, AP, Micro	Pos ALS, AP, Micro
VXPJVV	Neg p30	Pos p30
VYJCL8	Neg ALS, AP	Pos ALS, AP, Micro
W3WQYZ	Neg AP, PSA, ALS	Pos AP, PSA, ALS, Micro
W47XY8	Neg AP	Pos AP, Micro
W49N44	Neg AP	Pos AP
W4QLDV	Neg ALS, AP	Pos ALS, AP, PSA, Micro
W4TP47	Neg ALS, AP	Pos ALS, AP, Micro
W7K8LE	Neg ALS, AP, PSA	Pos ALS, AP, Micro
W7NM3L	Neg PSA	Pos PSA
W7TFZE	Neg ALS, AP	Pos ALS, AP, Micro
W8DLRY	Neg AP, Micro, p30	Pos AP, Micro, p30
W8JWXU	Neg AP Map, ALS	Pos AP Map, Micro, PSA, ALS
W9MQ4Z	Neg AP	Pos AP, Micro
W9V6YW	Neg AP	Pos AP; Micro
WBAPKX	Neg ALS, AP	Pos ALS; AP; PSA; Micro
WE289A	Neg AP	Pos AP, Micro, PSA
WEEUHY	Neg AP	Pos AP
WFLT BZ	Neg ALS, STMP, Micro	Pos ALS, STMP, Micro
WG77E6	Neg AP, Micro	Pos AP, Micro
WGYHFX	Neg AP	Pos AP, PSA, Micro
WME48N	Neg ALS, AP	Pos ALS, AP, Micro, PSA
WMUK7N	Neg ALS, AP	Pos ALS, AP, PSA, Micro
WPZEYW	Neg AP, Micro, PSA	Pos AP, Micro, PSA
WU764M	Neg ALS, AP	Pos ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
WW8FE4	Neg AP	Pos AP, Micro
WWTD43	Neg AP	Pos AP, PSA, Micro
WXL2Q6	Neg ALS, AP	Pos ALS, AP, Micro
WXP4C	Neg AP, ALS	Pos AP, ALS, Micro
WYZ772	Neg AP, Micro, PSA	Pos AP, Micro, PSA
WZ9EX9	Neg AP	Pos AP
WZDQWQ	Neg PSA	Pos PSA, Micro
X22GQ4	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro, p30
X4MERE	Neg AP, Micro	Pos AP, Micro
X4TJN6	Neg ALS, AP	Pos ALS, AP, Micro
X7JP2N	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
X8KK2X	Neg AP, PSA, Micro	Pos AP, PSA, Micro
X9Q6EL	Neg AP	Pos AP, Micro
XBUK2R	Neg AP, PSA	Pos AP, PSA
XCHAW6	Neg AP, PSA, Micro	Pos AP, PSA, Micro
XCKMCT	Neg AP	Pos AP, Microscopic
XD3K8P	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
XG22KE	Neg AP	Pos AP, Micro
XKCFP7	Neg AP, Micro	Pos AP, Micro
XN944R	Neg AP, PSA	Pos AP, PSA, Micro
XQ3HLX	Neg AP, Micro	Pos AP, Micro
XTJDXG	Neg ALS, AP	Pos ALS, AP, Micro, PSA
XU67D7	Neg AP, Micro, PSA	Pos AP, Micro
XUD32B	Neg ALS, AP	Pos ALS, AP, Micro, PSA
XW49Q2	Neg ALS, AP, Micro	Pos ALS, AP, Micro
XWAFFG	Neg AP	Pos AP, Micro, PSA
XY8VHK	Neg ALS, AP	Pos ALS, AP, PSA, Micro
XZB9RZ	Neg AP, Micro	Pos AP, Micro
Y3B2WJ	Neg AP	Pos AP, Micro
Y4ARG7	Neg ALS, AP, Micro	Pos ALS, AP, Micro
Y4MTT7	Neg AP	Pos AP, Micro
Y8XQ2Z	Neg AP	Pos AP, Micro
Y9XMTJ	Neg p30, Micro	Pos p30, Micro
YAWPZ2	Neg AP	Pos AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
YE39FZ	Neg AP	Pos AP
YFNJ2E	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YJTK9B	Neg AP	Pos AP, Micro
YJW6YX	Neg AP	Pos AP, Micro
YKQD8V	Neg AP	Pos AP
YPLMEU	Neg PSA, AP	Pos PSA, AP, Micro
YQ7AGB	Neg ALS, AP	Pos AP, ALS, Micro
YVP4WA	Neg AP	Pos AP
YVTNZ6	Neg AP	Pos AP, PSA, Micro
YZM498	Neg ALS, AP	Pos ALS, AP, Micro, PSA
Z2BWL3	Neg ABACard p30	Pos ABACard p30
Z2RXJX	Neg AP, PSA, Micro	Pos AP, PSA, Micro
Z4NCHZ	Neg ALS, AP	Pos ALS, AP
Z9B2QX	Neg AP	Pos AP, Micro, PSA
ZB2YRW	Neg AP, PSA	Pos AP, PSA, Micro
ZFZ9HQ	Neg RSID	Pos RSID
ZGK6MH	Neg PSA	Pos PSA
ZGKAVY	Neg AP	Pos AP, Micro
ZKDTLQ	Neg AP	Pos AP, Micro
ZL4YZW	Neg AP, Micro	Pos AP, Micro
ZLDABF	Neg AP	Pos AP
ZLZJJP	Neg PSA, ALS	Pos PSA, ALS
ZUAYZW	Neg AP	Pos AP, PSA, Micro
ZW26PN	Neg AP, PSA	Pos AP, PSA
ZWUZQD	Neg AP	Pos AP, Micro, PSA
ZXMZL3	Neg AP	Pos AP, PSA, Micro
ZXNNA9	Neg AP	Pos AP, PSA, Micro
ZZPGPU	Neg AP	Pos AP

Table 1b: Serology Screening Response Summary - SemenParticipants: **672**

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	672
Negative	670	0
Inconclusive	0	0
Not Tested (NT)	2	0
Not Reported	0	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
26MLJW	Neg ALS, Phadebas	Neg ALS, Phadebas
2F6QMU	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
2GNKEW	Neg ALS, Phadebas	Neg ALS, Phadebas
2HDFVQ	Neg Phadebas	Neg Phadebas
2KH8M4	Neg Phadebas	Neg Phadebas
2THHG2	Neg Phadebas	Neg Phadebas
2UUGXY	Neg ALS, Phadebas	Neg ALS, Phadebas
2X7NWH	Neg Seratec Amylase	Neg Seratec Amylase
32L3VN	Neg Phadebas	Neg Phadebas
3B9ZMU	Neg Amylase Diffusion	Neg Amylase Diffusion
3KU6UT	Neg Phadebas	Neg Phadebas
48VC7W	Neg Phadebas	Neg Phadebas
4DB9DP	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
4KCBTJ	Neg Phadebas	Neg Phadebas
4PTT89	Neg RSID-Saliva	Neg RSID-Saliva
4QWLNZ	Neg RSID	Neg RSID
4U6F7J	Neg RSID	Neg RSID
637Q7F	Neg Phadebas	Neg Phadebas
682HGX	Neg Amylase Diffusion	Neg Amylase Diffusion
6CMWP7	Neg RSID	Neg RSID
6EC9NC	Neg RSID	Neg RSID
6LFPDU	Neg ALS, Phadebas	Neg ALS, Phadebas
744796	Neg Phadebas, ALS	Neg Phadebas, ALS
74EKLY	Neg RSID-Saliva	Neg RSID-Saliva
773RRU	Neg SALIgAE	Neg SALIgAE
783Z8L	Neg Phadebas	Neg Phadebas
7WP9TX	NT	Neg Phadebas
8A8X7M	Neg SALIgAE	Neg SALIgAE
8AR3ZZ	Neg SALIgAE	Neg SALIgAE
8TTFRL	Neg Phadebas	Neg Phadebas
8VGRTC	Neg Phadebas	Neg Phadebas
8Y3GDP	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
8YYR9R	Neg Amylase Diffusion	Neg Amylase Diffusion
972DVD	Neg RSID	Neg RSID
9J8BYD	Neg alpha - Amylase	Neg alpha - Amylase
9KG4CM	Neg RSID	Neg RSID
9QQUY8	NT	Neg RSID-Saliva
9U8XVQ	Neg SALIgAE	Neg SALIgAE
A3TMLB	Neg Phadebas	Neg Phadebas
AHT7YU	Neg Phadebas	Neg Phadebas
ALR7XL	Neg RSID	Neg RSID
BGE9YH	Neg Phadebas	NT
BL4NMP	Neg Phadebas	Neg Phadebas
BLLDCF	Neg Phadebas	Neg Phadebas
BUM3FM	Neg Phadebas	Neg Phadebas
BUW8HP	Neg SALIgAE	Neg SALIgAE
BW4KZQ	Neg SERATEC Amylase Test	Neg SERATEC Amylase Test
BW7KFD	Neg RSID	Neg RSID
BYGUQ6	NT	Neg RSID
C6CJ6L	Neg Phadebas tablet	Neg Phadebas tablet
CA3VZH	Neg Phadebas	Neg Phadebas
CF8P3Q	Neg RSID	Neg RSID
CFAE8N	Neg SALIgAE	Neg SALIgAE
D73HZJ	Neg ALS, Phadebas	Neg ALS, Phadebas
DEE3C9	Neg Saliage	Neg Saliage
DV8TFH	Neg RSID	Neg RSID
E69W68	Neg Seratec Amylase	Neg Seratec Amylase
E9MJQY	Neg RSID	Neg RSID
EG9UJG	Neg RSID-Saliva	Neg RSID-Saliva
EJUJH	Neg Phadebas	Neg Phadebas
EX7B8H	Neg ALS	NT
FCHRCH	NT	Neg RSID
FRY8PM	NT	Neg RSID
FT99LU	Neg Seratec-Amylase	Neg Seratec-Amylase
GFJMWE	NT	Neg RSID
GJWMHJ	Neg ALS, Micro, Amylase	Neg ALS, Micro, Amylase

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
GKC9QG	Neg Phadebas	Neg Phadebas
GM3CH3	Neg Seratec Amylase	Neg Seratec Amylase
GT7DKH	Neg ALS, Phadebas	Neg ALS, Phadebas
GTLLMQ	Neg Phadebas Amylase Test	Neg Phadebas Amylase Test
GWRNPU	NT	Neg Micro
HGJHFF	Neg Phadebas Tablet	NT
HHD9K9	Neg Phadebas	Neg Phadebas
HJBJFB	Neg Phadebas	Neg Phadebas
HQD2XG	Neg ALS, Phadebas	Neg ALS, Phadebas
HZGHTL	Neg Amylase Diffusion	Neg Amylase Diffusion
J4Z9VH	Neg ALS, Phadebas	Neg ALS, Phadebas
JBER2F	Neg Phadebas	Neg Phadebas
JFYMUZ	Neg Phadebas, RSID	Neg Phadebas, RSID
JHUK3D	Neg Phadebas tablet	NT
JLTZB2	Neg Phadebas	Neg Phadebas
K92TNK	Neg Phadebas	Neg Phadebas
KB8A8A	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
KTCGMC	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
L87K48	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
L9JKE4	Neg RSID	Neg RSID
LBAGCA	Neg SALIgAE	Neg SALIgAE
LJ6YPE	Neg Amylase	Neg Amylase
LTT684	Neg Amylase	Neg Amylase
LU8H3R	Neg RSID Saliva	Neg RSID Saliva
LUZCK4	Neg Phadebas Tablets	NT
M7T4TE	Neg Phadebas	Neg Phadebas
MCKBFU	Neg AMY	Neg AMY
MCY8WF	Neg ALS, Phadebas	Neg ALS, Phadebas
MHJE76	Neg Phadebas	Neg Phadebas
MZPBPB	Neg RSID-Saliva	Neg RSID-Saliva
N2TWQA	Neg RSID Saliva	Neg RSID Saliva
NNQV4E	Neg RSID	Neg RSID
NTZ2PD	Neg Phadebas	Neg Phadebas
NY8JAZ	Neg Amylase Test	Neg Amylase Test

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
NZYH97	Neg Phadebas	Neg Phadebas
P369AJ	Neg α-Amylase	Neg α-Amylase
P3KAUF	Neg RSID Saliva	Neg RSID Saliva
P6R26M	Neg RSID Saliva	Neg RSID Saliva
P9LZ26	Neg Phadebas	Neg Phadebas
PGZLB9	Neg RSID	Neg RSID
PLKQ36	Neg RSID	Neg RSID
PTU3ZA	Neg Amylase Diffusion	Neg Amylase Diffusion
PZCNTD	Neg RSID	Neg RSID
Q743KU	Neg SALIgAE	Neg SALIgAE
QVPXWW	Neg Phadebas	Neg Phadebas
RMM9D6	NT	Neg Phadabas
RW9L7A	Neg RSID Saliva	Neg RSID Saliva
T3TYP9	Neg Phadebas (Amylase)	Neg Phadebas (Amylase)
THN7WH	Neg Phadebas	Neg Phadebas
UJAFYV	Neg Phadebas Tablet	NT
UMR7BX	Neg Phadebas	Neg Phadebas
UQTNHL	Neg Phadebas	Neg Phadebas
UT4HP7	Neg Phadebas	Neg Phadebas
V34DY3	Neg Phadebas Tablet	Neg Phadebas Tablet
V4VEXX	Neg Phadebas	Neg Phadebas
V64EP4	Neg RSID Saliva	NT
V99393	Neg RSID	Neg RSID
VDNUWW	Neg RSID-Saliva	Neg RSID-Saliva
VJNRAT	Neg RSID	Neg RSID
VLQ8JW	Neg Phadebas	Neg Phadebas
VWQZP3	Neg Phadebas	Neg Phadebas
W3WQYZ	Neg P tab	Neg P tab
W7K8LE	Neg Amylase	Neg Amylase
W7NM3L	Neg RSID	Neg RSID
W8DLRY	Neg Amylase	Neg Amylase
W9V6YW	Neg RSID	Neg RSID
WFLT BZ	Neg Amylase Diffusion	Neg Amylase Diffusion
WWTD43	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
WYZ772	Neg Phadebas	Neg Phadebas
WZDQWQ	Neg RSID	Neg RSID
X22GQ4	Neg Phadebas	Neg Phadebas
X7JP2N	Neg Amylase TEST	Neg Amylase TEST
XKCFP7	Neg RSID	Neg RSID
XN944R	Neg Phadebas Tablet	Neg Phadebas Tablet
XW49Q2	Neg ALS, Phadebas	Neg ALS, Phadebas
XWAFFG	Neg Phadebas	Neg RSID
Y4ARG7	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
YAWPZ2	Neg RSID-Saliva	Neg RSID-Saliva
YPLMEU	Neg Phadebas	Neg Phadebas
YVTNZ6	NT	Neg Phadebas
Z9B2QX	Neg RSID	Neg RSID
ZB2YRW	Neg Phadebas tablet	Neg Phadebas tablet
ZKDTLQ	Neg RSID	NT
ZUAYZW	Neg Phadebas	NT

Table 1c: Serology Screening Response Summary - SalivaParticipants: **150**

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	0
Negative	141	141
Inconclusive	0	0
Not Tested (NT)	9	9
Not Reported	0	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
23TXPF	Pos HemaTrace	Pos HemaTrace
24UDAX	Pos RSID Blood	Pos RSID Blood
26MLJW	Pos Quantifiler Trio	Pos Quantifiler Trio
28VA42	Pos Quantifiler Trio	Pos Quantifiler Trio
28YR9R	Pos Powerquant	Pos Powerquant
2CFWFK	Pos HemaTrace	Pos HemaTrace
2F6QMU	Pos Ouchterlony, Quant TRIO	Pos Ouchterlony, Quant TRIO
2GNKEW	Pos HemaTrace, PSA	Pos HemaTrace, PSA
2UUGXY	Pos HemaTrace	Pos HemaTrace, PSA
2X7NWH	Pos Seratec Hemdirect	Pos Seratec Hemdirect
3B9ZMU	Pos HemDirect	NT
3QDJ4T	Pos HemaTrace	Pos HemaTrace
3RJXC9	Pos Quantifiler Trio	Pos Quantifiler Trio
4284N7	Pos Powerquant	Pos Powerquant
43QZDB	Pos HemaTrace	Pos HemaTrace
48VC7W	Pos Real-Time qPCR	Pos Real-Time qPCR
4PTT89	Pos HemaTrace, PowerQuant	Pos PowerQuant
4UG4V4	NT	Pos HemaTrace
4W6HGT	Pos PowerQuant	Pos PowerQuant
682HGX	Pos HemaTrace	Pos HemaTrace
6B7JPU	Pos PowerQuant	Pos PowerQuant
6CMWP7	Pos HemaTrace, PowerQuant	Pos PowerQuant
6EC9NC	Pos PowerQuant	Pos PowerQuant
6LFPDU	Pos Quant Trio	Pos Quant Trio
6WAJDZ	Pos PowerQuant	Pos PowerQuant
73E3BA	Pos HemaTrace	Pos HemaTrace
74LMHY	Pos Quant Trio	Pos Quant Trio
773RRU	Pos HemaTrace	Pos HemaTrace
783Z8L	Pos QUANT TRIO	Pos QUANT TRIO
78R37F	Pos HemaTrace	Pos HemaTrace
7AJ4MP	Pos Quant	Pos Quant
7CUNQT	Pos Y-screening	Pos Y-screening
7N6PCX	Pos Quantifiler Trio	Pos Quantifiler Trio

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
7REU8X	Pos HemaTrace	Pos HemaTrace
7UPGCR	Pos	Pos
7WP9TX	Pos REAL-TIME QPCR	Pos REAL-TIME QPCR
86W7DU	Pos qPCR	Pos qPCR
8AR3ZZ	Pos HemaTrace	Pos HemaTrace
8YYR9R	Pos HemDirect	NT
93EAYV	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
96D9N7	Pos HemaTrace	Pos HemaTrace
9PJTGZ	Pos HemaTrace	Pos HemaTrace
9QQUY8	Pos Promega PowerQuant	Pos Promega PowerQuant
9TFZJ4	Pos PowerQuant	Pos PowerQuant
9U8XVQ	Pos HemaTrace, qPCR	Pos HemaTrace, qPCR
9XYCZZ	Pos HemaTrace	Pos HemaTrace
9XYDWJ	Pos PCR	Pos PCR
9Z9FMN	Pos Quant	Pos Quant
A8NXXH	Pos HemaTrace	Pos HemaTrace
A9ARZY	Pos HemaTrace card	NT
A9R7RM	Pos HemaTrace	Pos HemaTrace
APQPTR	Pos Quant Trio	Pos Quant Trio
AQ4NCL	Pos Real-time qPCR	Pos Real-time qPCR
AUJ6HK	Pos HemDirect	Pos HemDirect
AVEDHV	Pos PowerQuant	Pos PowerQuant
AZZP3J	Pos HemaTrace	Pos HemaTrace
B4PWGL	Pos PowerQuant	Pos PowerQuant
B69HP2	Pos HemaTrace	Pos HemaTrace
BDYN3U	Pos qPCR	Pos qPCR
BE7JP2	Pos RT-PCR	Pos RT-PCR
BGE9YH	Pos HemDirect	Pos HemDirect
BHVMWY	Pos HemaTrace	Pos HemaTrace
BL4NMP	Pos HEMDIRECT	Pos HEMDIRECT
BLLDCF	Pos Quant Trio	Pos Quant Trio
BRHCCT	Pos real-time qPCR	Pos real-time qPCR
BU7DGL	Pos HemaTrace	Pos HemaTrace
BUM3FM	Pos qPCR	Pos qPCR
BUW8HP	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
BVLKUF	Pos	Pos
BYGUQ6	Pos HemaTrace, Powerquant	Pos Powerquant
C79FU4	Pos Quantifiler Trio	Pos Quantifiler Trio
CF473G	Pos HemaTrace	Pos HemaTrace
CFAE8N	Pos HemaTrace	Pos HemaTrace
CJ29NQ	Pos PowerQuant	Pos PowerQuant
CJ2MCP	Pos HemaTrace	Pos HemaTrace
CMVT8V	Pos Quantifiler Trio	Pos Quantifiler Trio
CQDEAV	Pos HemaTrace	NT
CTGV7H	Pos HemDirect	Pos HemDirect
D73HZJ	Pos HemaTrace, PSA, Quantifiler Trio	Pos HemaTrace, PSA, Quantifiler Trio
D9A42J	Pos HemaTrace	Pos HemaTrace
DEE3C9	Pos HemaTrace	Pos HemaTrace
DH79J6	Pos HemaTrace	Pos HemaTrace
DNAFY9	Pos HemaTrace	Pos HemaTrace
DV4M49	Pos RT-PCR	Pos RT-PCR
E3K2GJ	Pos qPCR	Pos qPCR
E69W68	Pos HemDirect	Pos HemDirect
E9MJQY	Pos HemeDirect	Pos HemeDirect
ECL69U	Pos Quant Trio	Pos Quant Trio
EGGWFQ	Pos Quantifiler Trio	Pos Quantifiler Trio
EJ69FW	Pos Quantifiler Trio	Pos Quantifiler Trio
EKX7JU	Pos Casework Go! / QPP	Pos Casework Go! / QPP
EV2AZD	Pos PowerQuant	Pos PowerQuant
EWBVHE	Pos Y-screening	Pos Y-screening
EX7DTF	Pos HemDirect	Pos HemDirect
EZ6ZLH	Pos HemaTrace	Pos HemaTrace
F42UB8	Pos HemaTrace	Pos HemaTrace
FB6YZA	Pos Casework Direct	Pos Casework Direct
FF7ALJ	Pos PowerQuant	Pos PowerQuant
FJZBJQ	Pos Quant Trio	Pos Quant Trio
FPXPL7	Pos HemaTrace	Pos HemaTrace
FRY8PM	Pos Powerquant	Pos Powerquant
FXTLRH	Pos HemaTrace	Pos HemaTrace
G8QEE9	Pos PowerQuant	Pos PowerQuant

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
GHMYLL	Pos PowerQuant	Pos PowerQuant
GKC9QG	Pos HemaTrace, Quant Trio	Pos HemaTrace, PSA, Quant Trio
GKK86P	Pos HemaTrace	Pos HemaTrace
GM3CH3	Pos Seratec PMB	Pos Seratec PMB
GP8Z2Y	Pos rtPCR, STR	Pos rtPCR, STR
GQG7ZL	Pos Quant trio	Pos Quant trio
GT7DKH	Pos HemaTrace, PSA	Pos PSA, HemaTrace
GTLLMQ	Pos HemDirect, PSA	Pos HemDirect, PSA
H3EZPM	Pos HemaTrace	Pos HemaTrace
H4RT43	Pos HemaTrace	Pos HemaTrace
HBF2ZM	Pos Hemdirect	Pos Hemdirect
HCD39Y	Pos Quantifiler Trio	Pos Quantifiler Trio
HCF9QZ	Pos PowerQuant	Pos PowerQuant
HK8BTQ	Pos Quantifiler Trio	Pos Quantifiler Trio
HKQKX7	Pos ABACard@Hématrace	Pos ABACard@Hématrace
HLQ6VC	Pos RSID	Pos RSID
HQD2XG	Pos HemaTrace	Pos HemaTrace, PSA
HZGHTL	Pos HemaTrace	Pos HemaTrace
HZRPKF	Pos	Pos
J4Z9VH	Pos HemaTrace, PSA	Pos HemaTrace, PSA
JBER2F	Pos Hemdirect	Pos Hemdirect
JFYMUZ	Pos PowerQuant	Pos PowerQuant
JKR4MY	Pos HemaTrace	Pos HemaTrace
JP7WL6	Pos HemaTrace	Pos HemaTrace
JV3QAC	Pos HemDirect	Pos HemDirect
JXKKKD	Pos HemaTrace	Pos HemaTrace
JYEBLL	Pos HemaTrace	Pos HemaTrace
KHVCBT	Pos QuantiTrio	Pos QuantiTrio
KNDBH7	Pos Casework Direct	Pos Casework Direct
L7MPGL	Pos HemaTrace	Pos HemaTrace
L8RE9B	Pos PowerQuant	Pos PowerQuant
LJVHW6	Pos qPCR TRIO	Pos qPCR TRIO
LKKCCF	Pos Plexor	Pos Plexor
LU8H3R	Pos HemaTrace, PowerQuant	Pos PowerQuant
M2R8L8	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
M7T4TE	Pos HemDirect	Pos HemDirect
M964KL	Pos HemaTrace	Pos HemaTrace
MCY8WF	Pos HemaTrace	Pos HemaTrace, PSA
MHJE76	Pos Quant Trio	Pos Quant Trio
MQQRRW	Pos HemaTrace	Pos HemaTrace
N3PAD3	Pos HemaTrace	NT
N8J4EA	Pos HemDirect	Pos HemDirect
NE729G	Pos HemaTrace	Pos HemaTrace
NNBW9P	Pos Quantifiler Trio	Pos Quantifiler Trio
NNTX8W	Pos HemaTrace	Pos HemaTrace
NTZ2PD	Pos HemDirect	Pos HemDirect
NW8JL	Pos HemaTrace	Pos HemaTrace
NY8JAZ	Pos HemaTrace	Pos HemaTrace
P2FHA6	Pos HemaTrace	Pos HemaTrace
P2UY4M	Pos Quantifiler Trio	Pos Quantifiler Trio
P3KAUF	Pos Quantifiler Trio DNA Quantification Kit	Pos Quantifiler Trio DNA Quantification Kit
P6R26M	Pos HEXAGON OBTI	Pos HEXAGON OBTI
PCBN3R	Pos Quantifiler Trio	Pos Quantifiler Trio
PGZLB9	Pos Quant	Pos Quant
PKHKLP	Pos Quantifiler Trio	Pos Quantifiler Trio
PRXNCQ	Pos HemaTrace	Pos HemaTrace
PTU3ZA	Pos HemDirect	NT
Q6J32G	NT	Pos HemaTrace
Q743KU	Pos HemaTrace	Pos HemaTrace
QKBBV4	Pos HemaTrace	Pos HemaTrace
QM8JQR	Pos qPCR, STR	Pos qPCR, STR
QWUAZK	Pos Quantifiler Trio	Pos Quantifiler Trio
QXWU7K	Pos HemaTrace	Pos HemaTrace
R83ZTY	Pos	Pos
RFRMRH	Pos HemaTrace	Pos HemaTrace
RMM9D6	Pos Real-time qPCR	Pos Real-time qPCR
RW9L7A	Pos OBTI	Pos OBTI
T3U7YB	Pos Quantifiler Trio	Pos Quantifiler Trio
T83QKM	Pos Quantifiler Trio	Pos Quantifiler Trio
TCE834	Pos HemDirect	NT

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
TCQXNF	Pos HemaTrace	Pos HemaTrace
TDQFX3	Pos HemDirect	Pos HemDirect
TLLVW3	NT	Pos HemaTrace
TM4LG9	Pos Real-Time qPCR	Pos Real-Time qPCR
TQ9R97	Pos Y-screening	Pos Y-screening
TWX74E	Pos HemaTrace	Pos HemaTrace
TZURUH	Pos HemaTrace	Pos HemaTrace
U3WCVM	Pos HemaTrace	Pos HemaTrace
U4GYYP	Pos RT-PCR	Pos RT-PCR
UAG9YC	Pos HemaTrace	Pos HemaTrace
UAVGP7	Pos PowerQuant	Pos PowerQuant
UBQHNN	Pos HemaTrace	Pos HemaTrace
UMR7BX	Pos Quant Trio	Pos Quant Trio
UPMZY9	Pos Real-Time qPCR	Pos Real-Time qPCR
UQTNHL	Pos RSID-Blood	NT Human Blood Indicated
UT4HP7	Pos HemDirect	Pos HemDirect
VHWRCG	Pos Quantifiler Trio	Pos Quantifiler Trio
VJWVCB	Pos Powerquant	Pos Powerquant
VKB2TK	Pos HemaTrace	Pos HemaTrace
VWQZP3	Pos Quantifiler Trio	Pos Quantifiler Trio
W7K8LE	Pos HemDirect	Pos HemDirect
W7NM3L	Pos PowerQuant	Pos PowerQuant
W7TFZE	Pos HemaTrace	Pos HemaTrace
W8DLRY	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
W9MQ4Z	Pos PowerQuant	Pos PowerQuant
WFLTBZ	Pos HemDirect	Pos HemDirect
WME48N	Pos HemaTrace	Pos HemaTrace
WW8FE4	Pos	Pos
WYZ772	Pos Quantifiler Trio	Pos Quantifiler Trio
X22GQ4	Pos HemDirect	Pos HemDirect
X7JP2N	Pos HemaTrace	Pos HemaTrace
XBUK2R	Pos ABACard HemaTrace	Pos ABACard HemaTrace
XTJDXG	Pos HemaTrace	Pos HemaTrace
XU67D7	Pos PowerQuant	Pos PowerQuant
XW49Q2	Pos Quantifiler Trio	Pos Quantifiler Trio

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
XWAFFG	Pos PowerQuant, HemaTrace	Pos PowerQuant
Y4MTT7	Pos qPCR	Pos qPCR
Y8XQ2Z	Pos	Pos
YFNJ2E	Pos HemaTrace	Pos HemaTrace
YJW6YX	Pos PowerQuant	Pos PowerQuant
YPLMEU	Pos Quant Trio	Pos Quant Trio
YQ7AGB	Pos HemaTrace	Pos HemaTrace
YVTNZ6	Pos qPCR	Pos qPCR
ZGKAVY	Pos	Pos
ZLZJJP	Pos qPCR, STR	Pos qPCR, STR

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 218
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	215	210	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	3	8	
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
28VA42	Neg Quantifiler Trio	Pos Quantifiler Trio
28XC6K	Neg Zygem	Pos Zygem
28YR9R	Neg Casework Direct, Powerquant	Pos Casework Direct, Powerquant
2CFWFK	Neg Plexor HY	Pos Plexor HY
2E7DFK	Neg Plexor HY	Pos Plexor HY
2F6QMU	Neg Quant TRIO	Pos Quant TRIO
3A2P2C	Neg Zygem	Pos Zygem
3NZ8GW	Neg Quantifiler Trio	Pos Quantifiler Trio
3RAWQK	Neg Plexor HY	Pos Plexor HY
3RJXC9	Neg Quantifiler Trio	Pos Quantifiler Trio
48VC7W	Neg Real-Time qPCR	Pos Real-Time qPCR
4NPAR7	Neg Plexor HY	Pos Plexor HY
4RPKN7	Neg Plexor HY	Pos Plexor HY
4W6HGT	Neg PowerQuant	Pos PowerQuant
6B7JPU	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
6MPQ8F	Neg Plexor HY	Pos Plexor HY
6MQGH6	Neg Quant Trio	Pos Quant Trio
738Q2D	Neg Zygem, qpcr	Pos Zygem, qpcr
74LMHY	Neg Quant Trio	Pos Quant Trio
74ZWMT	Neg Quantifiler Trio	Pos Quantifiler Trio
783Z8L	Neg QUANT TRIO	Pos QUANT TRIO
7AJ4MP	Neg Quant	Pos Quant
7CUNQT	Neg Y-screening	Pos Y-screening
7N6PCX	Neg Quantifiler Trio	Pos Quantifiler Trio
7UPGCR	Neg	Pos
7WP9TX	Neg REAL-TIME QPCR	Pos REAL-TIME QPCR
86W7DU	Neg qPCR	Pos qPCR
87CWRC	Neg Plexor HY	Pos Plexor HY
8L7NBR	Neg Quant Trio	Pos Quant Trio
8P9MLK	Neg Plexor HY	Pos Plexor HY
8XJN8K	Neg Plexor HY	Pos Plexor HY
8XZ393	Neg Plexor HY	Pos Plexor HY
93EAYV	Neg Quant Trio	Pos Quant Trio
97BL68	Neg Plexor HY	Pos Plexor HY
9BCFRG	Neg Zygem	Pos Zygem

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
9E34L2	Neg Plexor HY	Pos Plexor HY
9XYDWJ	Neg PCR	Pos PCR
9Z9FMN	Neg Quant	Pos Quant
A8JVZQ		Pos quant trio
ADTANF	Neg	Pos
AH3M8Z	Neg TRIO	Pos TRIO
AL2Y4Z	Neg Quant Trio	Pos Quant Trio
APQPTR	Neg Quant Trio	Pos Quant Trio
AQ4NCL	Neg Real-time qPCR	Pos Real-time qPCR
AUEZGN	Neg Quant Trio	Pos Quant Trio
AVEDHV	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
AXK6P4	Neg NaOH	Pos NaOH
B4PWGL	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
BDYN3U	Neg qPCR	Pos qPCR
BE7JP2	Neg Zygem	Pos Zygem
BH2XWB	Neg Plexor HY	Pos Plexor HY
BLLDCF	Neg Quant Trio	Pos Quant Trio
BRHCCT	Neg real-time qPCR	Pos real-time qPCR
BUM3FM	Neg qPCR	Pos qPCR
BVLKUF	Neg	Pos
BW7KFD	Neg	Pos
C6LJV2	Neg Plexor HY	Pos Plexor HY
C79FU4	Neg Quantifiler Trio	Pos Quantifiler Trio
CJ2MCP	NT	Pos QuantTrio
CMVT8V	Neg Quantifiler Trio	Pos Quantifiler Trio
CUNGVD	Neg NaOH extraction	Pos NaOH extraction
CZW3KW	Neg TRIO	Pos TRIO
D73HZJ	Neg Quantifiler Trio	Pos Quantifiler Trio
DB74BL		Pos Quantifiler Trio
DNAFY9	Neg Plexor HY	Pos Plexor HY
DPFBCE	Pos zygem + qRT-PCR	Pos zygem + qRT-PCR
DV4M49	Neg Zygem/RT-PCR	Pos Zygem/RT-PCR
E3K2GJ	Neg qPCR	Pos qPCR
E43JLV	Neg Plexor HY	Pos Plexor HY
E69W68	Neg Quantifiler Trio	Pos Quantifiler Trio
E8M8KB	Neg Plexor HY	Pos Plexor HY
ECL69U	Neg Quant Trio	Pos Quant Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
EGGWFQ	Neg Quantifiler Trio	Pos Quantifiler Trio
EJ69FW	Neg Quantifiler Trio	Pos Quantifiler Trio
EKX7JU	Neg Casework Go! / QPP	Pos Casework Go! / QPP
EV2AZD	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
EWBVHE	Neg Y-screening	Pos Y-screening
FB6YZA	Neg Casework Direct	Pos Casework Direct
FF7ALJ	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
FJXW3C	Neg	Pos
FJZBJQ	Neg Quant Trio	Pos Quant Trio
FPXPL7	Neg Plexor HY	Pos Plexor HY
G3KCDJ	NT	Pos Quant Trio
GHMYLL	Neg CaseworkDirect/PowerQuant	Pos CaseworkDirect/PowerQuant
GKC74X	Neg Zygem	Pos Zygem
GKC9QG	Neg Quant Trio	Pos Quant Trio
GP8Z2Y	Neg Zygem, Quant Trio	Pos Zygem, Quant Trio, Y-STR
GQG7ZL	Pos Quant trio	Pos Quant trio
GRRG4W	Neg Zygem	Pos Zygem
GZJYZR	Neg Trio	Pos Trio
H4RT43	Neg Plexor HY	Pos Plexor HY
HBF2ZM	Neg PlexorHY	Pos PlexorHY
HCD39Y	Neg Quantifiler Trio	Pos Quantifiler Trio
HENAPR	Neg Zygem, qPCR	Pos Zygem, qPCR
HJAJHW	Neg NAOH screen	Pos NAOH screen
HK8BTQ	Neg Quantifiler Trio	Pos Quantifiler Trio
HKQKX7	NT	Pos Yfiler™ Plus
HZRPKF	Neg	Pos
JFVK8V	Neg zygem, RT-PCR	Pos zygem, RT-PCR
JMNGEX	Neg Plexor HY	Pos Plexor HY
K3BFR3	Neg Casework Direct	NT
KFWMU6	Neg Plexor HY	Pos Plexor HY
KG2WCV	Neg Zygem	Pos Zygem
KHVCBT	Neg QuantTrio	Pos QuantTrio
KNDBH7	Neg Casework Direct	Pos Casework Direct
KZ7JD2	Neg PHY	Pos PHY
L7GFAV	Neg Zygem	Pos Zygem
L8RE9B	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
L9JKE4	Neg Y-Screening	Pos Y-Screening

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
LDCLFH	Neg Quantiplex Pro	Pos Quantiplex Pro
LJ6YPE	Neg NaOH	Pos NaOH
LRL6LF	NT	Pos QuantTrio qPCR
LRTWAR	Neg NaOH screen	Pos NaOH screen
LTT684	Neg Zygem, qPCR	Pos Zygem, qPCR
LFX3P	Neg Quant Trio	Pos Quant Trio
MCKBFU	Neg Zygem	Pos Zygem
MHJE76	Neg Quant Trio	Pos Quant Trio
MMJ4LZ	Neg Zygem, QPCR	Pos Zygem, QPCR
MU9Y43	NT	Pos NaOH extraction
NCUTJX	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
NDZAJP	Neg Plexor HY	Pos Plexor HY
NNBW9P	Neg Quantifiler Trio	Pos Quantifiler Trio
NNTX8W	Neg Plexor HY	Pos Plexor HY
NVV34M	Neg Plexor HY	Pos Plexor HY
P2UY4M	Neg Quantifiler Trio	Pos Quantifiler Trio
P369AJ	Neg zygem, qRT-PCR	Pos zygem, qRT-PCR
P3KAUF	Neg Quantifiler Trio DNA Quantification Kit	Pos Quantifiler Trio DNA Quantification Kit
PCBN3R	Neg Quantifiler Trio	Pos Quantifiler Trio
PERMMT	Neg Plexor HY	Pos Plexor HY
PGZLB9	Neg Quant	Pos Quant
PKHKLP	Neg Quantifiler Trio	Pos Quantifiler Trio
PQ7R3P	Neg NaOH	Pos NaOH
Q2WY6Y	Neg Plexor HY	Pos Plexor HY
QGVPGN	Neg NaOH Y screen	Pos NaOH Y screen
QGXH6N	Neg rtPCR	Pos rtPCR
QM8JQR	Neg zygem, qPCR	Pos zygem, qPCR
QQDMQZ	Neg Plexor HY	Pos Plexor HY
QRVDZK	Neg Plexor HY	Pos Plexor HY
QU9NMH	Neg QuantiFiler Trio	Pos QuantiFiler Trio
QWUAZK	Neg Quantifiler Trio	Pos Quantifiler Trio
R83ZTY	Neg	Pos
RMM9D6	Neg Real-time qPCR	Pos Real-time qPCR
RRBJ6A	Neg Quantifiler Trio	Pos Quantifiler Trio
RW9L7A	Neg Quantitation Investigator Quantiplex Pro	Pos Quantitation Investigator Quantiplex Pro
RXV8FX	NT	Pos
T3TYP9	Neg NaOH lysis, Quantifiler Trio	Pos NaOH lysis, Quantifiler Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
T3U7YB	Neg Quantifiler Trio	Pos Quantifiler Trio
T83QKM	Neg Quantifiler Trio	Pos Quantifiler Trio
TM4LG9	Neg Real-Time qPCR	Pos Real-Time qPCR
TQ9R97	Neg Y-screening	Pos Y-screening
U4GYYP	Neg Zygem, RT-PCR	Pos Zygem, RT-PCR
U4RQN8	NT	Pos Quant Trio
UCLWH9	NT	Pos QuantTrio
UMR7BX	Neg Quant Trio	Pos Quant Trio
UPMZK9	Neg Real-Time qPCR	Pos Real-Time qPCR
UQTNHL	Neg NaOH Y Screen	Pos NaOH Y Screen
UVM7RD	Neg Quantifiler Trio	Pos Quantifiler Trio
V8L6MG	Neg Plexor HY	Pos Plexor HY
V99393	Neg Y-Screening	Pos Y-Screening
VHWRCG	Neg Quantifiler Trio	Pos Quantifiler Trio
VJNRAT	Neg Y-screening	Pos Y-Screening
VJWKCB	Neg Casework Direct, Powerquant	Pos Casework Direct, Powerquant
VKUQAF	Neg Plexor HY	Pos Plexor HY
W8DLRY	Neg Quant Trio	Pos Quant Trio
W8JWXU	Neg Plexor HY	Pos Plexor HY
W9MQ4Z	Neg PowerQuant	Pos PowerQuant
WW8FE4	Neg	Pos
WYZ772	Neg Quantifiler Trio	Pos Quantifiler Trio
WZ8FQU	Neg Plexor HY	Pos Plexor HY
XU67D7	Neg Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
XUD32B	Neg Plexor HY	Pos Plexor HY
Y4MTT7	Neg qPCR	Pos qPCR
Y7P6FT	Neg ForensicGem	Pos ForensicGem
Y8XQ2Z	Neg	Pos
YE39FZ	Neg Quantifiler Trio	Pos Quantifiler Trio
YJW6YX	Neg PowerQuant	Pos PowerQuant
YPLMEU	Neg Quant Trio	Pos Quant Trio
YVTNZ6	Neg qPCR	Pos qPCR
Z4NCHZ	NT	Pos QuantTrio
Z6BPDF	Neg NaOH	Pos NaOH
ZC27VG	Neg Plexor HY	Pos Plexor HY
ZGKAVY	Neg	Pos
ZLZJJP	Neg qPCR	Pos qPCR

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
ZXMYJ	Neg Plexor HY	Pos Plexor HY
ZXNNA9	Neg Trio	Pos Trio

Table 1e: Serology Screening Response Summary - Y Screening			Participants: 185
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	2	184	
Negative	172	0	
Inconclusive	0	0	
Not Tested (NT)	9	1	
Not Reported	0	0	

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	
3A2P2C	PSA	Neg Seratec	PSA	Pos Seratec
738Q2D	fluorescence	Neg ALS	fluorescence	Pos ALS
E69W68	Urine, Feces	Neg DMAC, Creatinine, Urobilinogen	Urine, Feces	Neg DMAC, Creatinine, Urobilinogen
GKC9QG		Neg ALS		Pos ALS
GM3CH3	Urine, Menstrual Blood	Neg DMAC/Creatinine, Seratec PMB	Urine, Menstrual Blood	Neg DMAC/Creatinine, Seratec PMB
GP8Z2Y	Semen	Neg ALS	Semen	Pos ALS
HENAPR	Fluorescence	Neg ALS	Fluorescence	Pos ALS
JXK8QC	Forensic light source	Neg Crime Lite	Forensic light source	Pos Crime Lite
LJ6YPE	Urine	Neg RSID	Urine	Neg RSID
MCKBFU	Fluorescence	Neg ALS	Fluorescence	Neg ALS
P369AJ	fluorescence	Neg ALS	fluorescence	Pos ALS
QVPXWW			Spermatozooids Visualisation	Pos Micro, Christmas Tree
TL2HJ4	Amylase	Neg Amylase Diffusion Test	Amylase	Neg Amylase Diffusion Test
WZDQWQ	ALS	Neg	ALS	Neg

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

23TXPF	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
24UDAX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
26YV8M	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
28VA42	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
28VVEZ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
28XC6K	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

28YR9R	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2A4V62	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	
2CFWFK	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2F2R7K	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2F6QMU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2GX6UC	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2HAK6C	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	-
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	-	-	26.2,29.2	7,9	8,9
	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 1 - STR Results

2HDFVQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2KH8M4	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2LCE6Z	PowerPlex® Fusion 6C Direct					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
2QVXV	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
2THHG2	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND			ND	
2VWYGE	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2WXYLY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	

TABLE 2

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

Item 1 - STR Results

2X7NWH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2ZFHPU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2ZFWGG	Verifiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16				ND	
32L3VN	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
38GN66	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3A2P2C	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
3A87QG	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

3B9ZMU	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3DUP6L	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
3EX7FR	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
3G4R8X	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3HL77E	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3J6TW9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3KU6UT	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

3LRGBU	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3LTCAT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3NZ8GW	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	Not Tested
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No results	No results	No results	Not Tested	
3QDJ4T	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3QWADC	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3QYXWC	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3R6Y84	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

3RJXC9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
3VMR8R	GlobalFiler™ (BulletProof)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
43QZDB	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
48DGH3	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
48FM4A	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
48VC7W	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
4AQ98H	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

4DB9DP	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
4EZ2ZR	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4J46PV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	
4KCBTJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4PAVUM	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
4PTT89	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4QWLNZ	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

4RA8CF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4TJ972	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4U6F7J	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4UG4V4	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4W6FWV	Investigator® 24plex GO!					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
4W6HGT	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
637Q7F	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

682HGX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6848LU	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	not tested
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	no results	no result	no result	not tested	
6B7JPU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
6CMWP7	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6EC9NC	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6EHDGK	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6GNF83	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

6LFPDU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
6MQGH6	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6P3PTX	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
6RCBKP	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6WAJDZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6YRXCf	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
738Q2D	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

744796	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	N/A				
74EKLY	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	-	-	-		
74LMHY	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
74ZWMT	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
773RRU	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
783Z8L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
78NGT9	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

78R37F	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7AJ4MP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7FEKK4	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
7JNZHF	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7JWTP6	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
7K7ZPC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
7N6PCX	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				

TABLE 2

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

Item 1 - STR Results

7TEJYA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7TJCN	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7UPEQT	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7WH7XX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7WP9TX	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
7ZFLT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
829XM7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

83M4QG	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
86W7DU	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
88RERB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8A8X7M	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
8AR3ZZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8CPQX9	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
8L7NBR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND			ND	

TABLE 2

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

Item 1 - STR Results

8N3CBN	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
8TTFRL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8VGRTC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
8W83DD	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8XV2FJ	Identifiler®					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
8XZ393	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8Y3GDP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

8YYR9R	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8YZUUP	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
93EAYV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No result			No result	
93U66F	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
94VG4C	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
96D9N7	Investigator® 24plex QS Kit (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
972DVD	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

98EB6J	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
98QBYQ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9BCFRG	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
9BGAKH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9E34L2	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9ECLBU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9HRV7R	Investigator® 24plex GO!					
	11,15	24,24	12,14	16,18	11,13	n/a
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	n/a	n/a	26.2,29.2	7,9	8,9
	15,16	n/a	n/a	n/a	n/a	

TABLE 2

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

Item 1 - STR Results

9J8BYD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9KG4CM	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9L8APR	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
9M6UX7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9PAP2G	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9QQUY8	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9TFZJ4	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

9TYRQ3	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9U8XVQ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9WG4BQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9XYCZZ	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9Z9FMN	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A3TMLB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A8JVZQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

A8NXXH	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A9ARZY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A9R7RM	Investigator® 24plex (STRMix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AAY27T	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
AD98YZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ADBCGA	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ADTANF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

AENYYP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AF4XTZ	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AGGUWJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AH3M8Z	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AKDFNL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
AL2Y4Z	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ALR7XL	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

AMZJFM	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
APNEZM	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
APQPTR	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No typing results			No typing results	
AQ4NCL	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
ATQJ4F	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
AUEZGN	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
AUJ6HK	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

AWK9XL	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
AYVHDK	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
AZZP3J	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
B3VN9M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
B4FTF8	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
B4PWGL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
B69HP2	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

B86WN7	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
B8XX44	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BA4BTH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BCAX99	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BDYN3U	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
BE7JP2	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
BEJAKY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

BEYTX	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BFR3W6	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BGE9YH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
BHVMWY	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BJXR2	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
BL4NMP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	--			--	
BLLDCF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

BP2HT6	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
BRHCCT	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
BTEE69	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BU2JFL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BU7DGL	Investigator® 24plex (STRMix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BUFCBJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
BUM3FM	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

BUW8HP	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BVAQP2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BW4KZQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	ND	ND	ND		
BYGUQ6	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
C6CJ6L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
C79FU4	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
CA3VZH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

CCWN99	VeriFiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
CE9HL7	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CF8P3Q	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CFAE8N	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CH8YUU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CJ29NQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CJ2MCP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	NR
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	NR	NR	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR	NR	

TABLE 2

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

Item 1 - STR Results

CMVT8V	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
CN7F4N	PowerPlex® 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
CQCKF4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
CQDEAV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CR92LY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CRPKLJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
CTGV7H	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

CUNGV D	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CWT8Y8	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CXMVH4	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CYTXUV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CZW3KW	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
D3PKQB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
D73HZJ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		

TABLE 2

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

Item 1 - STR Results

D9A42J	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
DB74BL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
DEE3C9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DGE8J9	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DGHYMB	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DH79J6	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DJMHTJ	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

DLD4HN	Investigator® 24plex GO!					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
DNAFY9	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DPFBCE	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
DPUH2N	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NT
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NT	NT	26.2,29.2	7,9	8,9
	15,16	NR	NT	NT	NR	
DTTHV7	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DU696A	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
DV4M49	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

DV8TFH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
E3K2GJ	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
E43JLV	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E69W68	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E97Y4L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E9MJQY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
EBAPYF	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

EBDEEX	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NT				
ECL69U	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
ECRKW9	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
EF3UQX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
EG9UJG	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	-				
EGGWFQ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
EHCYJE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

EJ69FW	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
EJVF3N	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
EKX7JU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
EMCW9L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	
EP84XN	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
EQD2YG	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ETT4A	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

EUJUH	GlobalFiler™						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16						
EV2AZD	GlobalFiler™						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR		
EVG4ML	GlobalFiler™						
		11,15	24,24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16	No Result			No Result		
EVV8Z8	PowerPlex® Fusion 5C						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X,X	7,8
		22,23	2.2,12	9,11		7,9	8,9
	15,16	NR					
EX7B8H	GlobalFiler™						
		11,15	24,24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16						
EX7DTF	GlobalFiler™						
		11,15	24,24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16	-			-		
EZ6ZLH	Investigator® 24plex (STRmix)						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

F3EJ2E	PowerPlex® 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
F49HTX	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
F636NB	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FBED97	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FCHRCH	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
FF6XZT	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FF7ALJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

FHYYP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FJXW3C	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FJZBJQ	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
FKQWX3	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FL996T	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FLJTG6	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FRY8PM	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

FT99LU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FUBUJV	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FW7ANQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
FX3PWF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FXTLRH	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				
FYBFTR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FZ8MEH	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

FZ9NXV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
G3KCDJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
G497ZG	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
G7YBMM	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
G8QEE9	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GFJMWE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GG79BA	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

GJ4FRT	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GJV33Q	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	
GJWMHJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GKC74X	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GKC9QG	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
GKK86P	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GM3CH3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

GNPNQZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GP8Z2Y	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GQG7ZL	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
GQKP6B	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
GRRG4W	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GTGYQQ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GTLLMQ	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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 1 - STR Results

GWRNPU	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GWY77C	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GYB4WV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	-
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	-	-	26.2,29.2	7,9	8,9
	15,16	-	-	-	-	-
GYVAK8	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GZJYZR	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
H4RT43	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
H97HR7	GlobalFiler™ Express (STRMix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

HBF2ZM	PowerPlex® Fusion					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
HCD39Y	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
HCF9QZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HENAPR	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
HFVEYN	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	not tested
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	not tested	not tested	26.2,29.2	7,9	8,9
	15,16	no results	not tested	not tested	no results	
HGJHFF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HHD9K9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

HJBJFB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HJGKPH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HK8BTQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
HKQKX7	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
HLQ6VC	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HNQA3C	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HTGJBP	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

HTGLX9	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
HXFZMJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HZCCY6	GlobalFiler™ (STRmix™)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
HZGHTL	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
J38Y2L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND			ND	
JANGBM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JBER2F	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

JBLEPU	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JBYJWL	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JEWNAJ	PowerPlex® Fusion 6C Direct					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
JFMPAF	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
JFVK8V	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
JFYMUZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
JHUK3D	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

JJR8F	FlexPlex27					
	11,15	24,24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	9,11	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
JKR4MY	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JLTZB2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JNC92N	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JP7WL6	Investigator® 24plex (STRMIX)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JQ2BD4	GlobalFiler™ Express (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
JV3QAC	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

JX2YLV	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JXGJCE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JXK8QC	PowerPlex® ESX 16 Fast					
	11,15	24	12,14	16,18		
1		13,15	14,15	16,18		9,12
	16,19	13	28,31	11,17	X	
	22,23				7,9	
	15,16					
JXKKKD	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K3BFR3	FlexPlex					
	11,15	24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23		9,11	26.2,29.2	7,9	8,9
	15,16					
K4YGCL	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K6JDHY	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

K8H39K	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K92TNK	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KB8A8A	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	n/a			n/a	
KBYQX	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KCLKX2	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KG2WCV	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
KHVCBT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

KJCPCP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KMENRN	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KPRQW8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KRYXQL	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KTCGMC	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
KVWWMQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KWUMBY	Verifiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

KX4WN4	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
L4N6UF	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
L4NXGA	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NT
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NT	NT	26.2,29.2	7,9	8,9
	15,16	NR	NT	NT	NR	
L6LL2B	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	
L7GFAV	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
L7UB99	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
L87K48	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

L8RE9B	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
L8WQ3K	Investigator® 24plex (STRMix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
L9JKE4	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LBAGCA	PowerPlex® Fusion, GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LBAN6M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LDA92E	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LDCLFH	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

LDDEFB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
LE2NVX	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LE7CJA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LH2UFV	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LJCJXL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LJVHW6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LKJKD8	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

LKKCCF	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LL3VFR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LMUTT6	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LPFP7X	Investigator® 24plex QS (strmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LQ7EB6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LQADPT	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LRL6LF	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

LTQRRF	PowerPlex® Fusion 6C Direct					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LTT684	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
LU8H3R	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LUZCK4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LVRDJZ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NID	NID	NID		
LX79MQ	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LXE8R2	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

LXFX3P	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M2R8L8	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M2ZEFA	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
M6GWKY	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
M7T4TE	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	---			---	
M7UDU8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M973H2	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

MBG3UM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
MCBULZ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MCGQNK	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
MCKBFU	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
MHJE76	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MMJ4LZ	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
MN7YX7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

MQHPR4	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MQQRW	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MU9Y43	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MVDEUA	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
MZ4X8K	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MZPBPB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
N2AHA7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

N2TWQA	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
N3PAD3	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
N69Z3R	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	-----
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	-----	-----	-----	-----	
N8J4EA	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
N8LTLU	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
N8YYMH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
NABJ38	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

NCR4E2	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
NDZAJP	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NEKDL4	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
NG34KZ	GlobalFiler™ Express (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
NMXPXM	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NNA4AH	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NNBW9P	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

NNQV4E	GlobalFiler™						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16						
NTZ2PD	GlobalFiler™						
		11,15	24,24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16	-			-		
NUCRNV	GlobalFiler™						
		11,15	24,24	12,14	16,18	11,13	N/A
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A		
NVV34M	Investigator® 24plex QS						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16						
NW8JLL	Investigator® 24plex						
		11,15	24,24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13,13	28,31	11,17	X,X	7,8
		22,23			26.2,29.2	7,9	8,9
	15,16						
NWRH2	PowerPlex® Fusion 6C						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16						
NY8JAZ	GlobalFiler™						
		11,15	24	12,14	16,18	11,13	
	1	10,12	13,15	14,15	16,18	12,14	9,12
		16,19	13	28,31	11,17	X	7,8
		22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

NYXXN	GlobalFiler™					
		11,15	24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13	28,31	11,17	X
		22,23			26.2,29.2	7,9
	15,16				8,9	
NZY7LF	PowerPlex® Fusion 6C					
		11,15	24,24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13,13	28,31	11,17	X,X
		22,23	2.2,12	9,11	26.2,29.2	7,9
	15,16				8,9	
NZYH97	GlobalFiler™					
		11,15	24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13	28,31	11,17	X
		22,23			26.2,29.2	7,9
	15,16				8,9	
P2FHA6	Investigator® 24plex (STRmix)					
		11,15	24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13	28,31	11,17	X
		22,23			26.2,29.2	7,9
	15,16				8,9	
P2UY4M	Investigator® 24plex					
		11,15	24,24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13,13	28,31	11,17	X,X
		22,23			26.2,29.2	7,9
	15,16	No Results			8,9	
P2XWHA	GlobalFiler™					
		11,15	24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13	28,31	11,17	X
		22,23			26.2,29.2	7,9
	15,16				8,9	
P369AJ	PowerPlex® Fusion					
		11,15	24	12,14	16,18	11,13
	1	10,12	13,15	14,15	16,18	12,14
		16,19	13	28,31	11,17	X
		22,23	2.2,12	9,11		7,9
	15,16	INC			8,9	

TABLE 2

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

Item 1 - STR Results

P3KAUF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P6R26M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P7KB24	Investigator® 24plex GO!					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
P9LZ26	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PAFNKZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
PAXXBF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PBNY4W	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

PCBN3R	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
PEMYXG	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PERMMT	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PGZLB9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PKHKLP	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
PLKQ36	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PLTQ2R	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

PM6PWZ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PMJ4CW	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PNMZ88	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
PPC4KU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
PQ6Y3W	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PTU3ZA	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PZCNTD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

Q6J32G	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Q733QL	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NT				
Q743KU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Q7BK4X	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
Q969LT	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
Q98E39	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QALAUE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

QGXH6N	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
QKBBV4	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QL63YM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QLFDCM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QM8JQR	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
QN4YYH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QQQQRZ	Identifiler®					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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 1 - STR Results

QRVDZK	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QU2ZNB	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
QVPXWW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QVYBKD	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
QWPEBZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QWUAZK	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
QXPCP2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

QXPQE3	PowerPlex® Fusion, GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
QXWU7K	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
R9K9H9	PowerPlex® Fusion 6c					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
R9RNY3	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
R9ZBN3	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RAGJDB	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RDT9HY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

RE2J2W	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RFRMRH	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RGXAQW	PowerPlex® Fusion, GlobalFiler™ (GeneMapper® ID-X 1.4)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RH77R8	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RHRZUQ	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
RJFZPT	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RMM9D6	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

RNNDEE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RP6H44	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RQGCL6	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RRBJ6A	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	NOT TESTED
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results	NOT TESTED	
RTKY93	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RVF3AW	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				
RW9L7A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

RXCBYR	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RXV8FX	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RY7YHM	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
T3TZDM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
T3U7YB	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results				
T4YLKZ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
T6HU73	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

T7CHNX	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
T83QKM	PowerPlex® 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
TBEABV	GlobalFiler™ Express (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
TBK3BC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TCE834	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	----			---	
TCH4MV	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
TCQXNF	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

TD6BGJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TDQFX3	GlobalFiler™ (STRmix LR Prev)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
TFJZEB	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	NA
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	NA	7,9	8,9
	15,16	NR/NE	NA	NA	NA	
TFN42F	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TFVKGC	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TGE9DY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
THN7WH	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				

TABLE 2

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

Item 1 - STR Results

TJE7HD	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
TLLVW3	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TM4LG9	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
TMFNNE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TX7D9T	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TZ3VKF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TZMVX2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

TZURUH	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TZWH3L	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
U3QTLJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
U3WCVM	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
U4GYYP	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
U4RQN8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
U7Z7TR	Investigator® 24plex QS (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

UA44WC	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
UAVGP7	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
UAYGPR	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UBQHNN	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UCKPV2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UCLWH9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	NT
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	NT	NT	26.2,29.2	7,9	8,9
	15,16	NR	NT	NT	NR	
UD7LWM	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

UDRHJ2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UFVP4L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UG7RQK	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UJAFYV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ULHTK3	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ULL4M2	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
UMR7BX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

UMUXA9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UPMZX9	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
UPYZP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	NSD	N/A	N/A	NSD	
UQFXN9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UT4HP7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
UVM7RD	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	Not Tested
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results	Not Tested	
V34DY3	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

V4VEXX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V64EP4	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
V73WYF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
V7HWUW	Investigator® 24plex GO					
	11,15	24,24	12,14	16,18	11,13	N/A
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
V7U4RQ	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V8L6MG	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V8QHEJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

VA79U3	PowerPlex® Fusion 5C, MiniFiler					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
VBMLVY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VC738Q	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VCMKLC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				NR
VDNUWW	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	-				
VECBQJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VFY4CL	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

VHWRCG	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
VJ3TW8	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VJE48L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VJNRAT	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VJUJK2	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VJWKCB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
VKB2TK	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

VKVP7A	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
VKY7JZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VLQ8JW	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VMQ6XX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VMVG2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VXPJW	Investigator® 24plex QS/GOI, 27FlexPlex					
	11,15	24,24	12,14	16,18	11,13	12,13
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	9,11	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
VYJCL8	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

W3WQYZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W47XY8	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
W49N44	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W4QLDV	Investigator® 24plex GO!					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W4TP47	PowerPlex® Fusion 6c					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W6KQ33	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W7K8LE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

W7NM3L	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W7QQVH	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W7TFZE	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W8DLRY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
W9MQ4Z	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W9V6YW	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
WBAPKX	Investigator® 24plex GO! (TrueAllele)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				

TABLE 2

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

Item 1 - STR Results

WE289A	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WEEUHY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
WFLTBZ	GlobalFiler™ Express					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WG77E6	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WGYHFX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WME48N	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WNBYRY	PowerPlex® Fusion (Familias v.3.2.2)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

WPZEYW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WQ2K2V	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WRNGPM	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WUFEE8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WUYAUM	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WWTD43	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
WXL2Q6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

WXP4C	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WYZ72	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WZ9EX9	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
WZDQWQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
X22GQ4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
X4MERE	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X4TJN6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 1 - STR Results

X6XENA	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
X7JP2N	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X8KK2X	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X9Q6EL	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XAMRDQ	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XBUK2R	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
XCHAW6	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	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 1 - STR Results

XCKMCT	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
XD3K8P	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XG22KE	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XKCFP7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XN944R	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XQ3HLX	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
XTJDXG	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,11
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

XU67D7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
XWAFFG	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XY8VHK	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XZB9RZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y3B2WJ	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
Y4ARG7	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y4MTT7	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 1 - STR Results

Y7P6FT	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y9XMTJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
YAB2XR	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
YAWPZ2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YE39FZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	Not tested
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No results	No results	No results	Not tested	
YGP68R	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YJTK9B	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

YJW6YX	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YKQD8V	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YPLMEU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YQ7AGB	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YVP4WA	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YVTNZ6	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
YXEAZDZ	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

YZM498	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Z2BWL3	Investigator® 24plex GO!					
	11,15	24,24	12,14	16,18	11,13	n/a
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	n/a	n/a	26.2,29.2	7,9	8,9
	15,16	N/A	n/a	n/a	n/a	
Z2RXJX	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Z4NCHZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
Z9B2QX	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
1	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
ZB2YRW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZFZ9HQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

ZGK6MH	GlobalFiler™					
1	11,15	24,24	12,14	16,18	11,13	N/A
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
ZKDTLQ	PowerPlex® Fusion 6C					
1	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ZL4YZW	GlobalFiler™					
1	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZLDABF	PowerPlex® Fusion 6C					
1	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ZLZJJP	PowerPlex® Fusion					
1	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
ZTUWVJ	Investigator® 24plex					
1	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZUAYZW	GlobalFiler™					
1	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 1 - STR Results

ZUMKHL	GlobalFiler™ Express					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZW26PN	Identifiler® Plus					
		24,24		16,18	11,13	
1	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
ZWUZQD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZXMXJ	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZXMZL3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZXNNA9	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZZPGPU	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
1	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 2 - STR Results

23TXPF	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
24UDAX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
26YV8M	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
28VA42	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
28VVEZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
28XC6K	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
28YR9R	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

2A4V62	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
2CFWFK	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
2F2R7K	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
2F6QMU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
2GX6UC	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
2HAK6C	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	-
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	-	-	14,15	7,7	6,9
	16,16	10	-	-	2	
2HDFVQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

2KH8M4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
2LCE6Z	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
2QVXV	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
2THHG2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
2VWYGE	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
2WXYLY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
2X7NWH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

2ZFHPU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
2ZFWGG	Verifiler Plus					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16				2	
32L3VN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
38GN66	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
3A2P2C	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
3A87QG	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
3B9ZMU	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

3DUP6L	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
3EX7FR	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
3G4R8X	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
3HL77E	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
3J6TW9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
3KU6UT	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
3LRGBU	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

3LTCAT	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
3NZ8GW	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	Not Tested
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	Not Tested	
3QDJ4T	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
3QWADC	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
3QYXWC	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
3R6Y84	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
3RJXC9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

3VMR8R	GlobalFiler™ (BulletProof)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
43QZDB	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
48DGH3	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
48FM4A	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
48VC7W	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
4AQ98H	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
4DB9DP	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

4EZ2ZR	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
4J46PV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
4KCBTJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
4PAVUM	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
4PTT89	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
4QWLNZ	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
4RA8CF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

4TJ972	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
4U6F7J	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
4UG4V4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
4W6FWV	Investigator® 24plex GO!					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
4W6HGT	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
637Q7F	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
682HGX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

6848LU	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	not tested
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18	not tested	
6B7JPU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
6CMWP7	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
6EC9NC	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
6EHDGK	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
6GNF83	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
6LFPDU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

6MQGH6	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
6P3PTX	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
6RCBKP	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
6WAJDZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
6YRXCf	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
738Q2D	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
744796	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

74EKLY	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
74LMHY	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
74ZWMT	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
773RRU	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
783Z8L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
78NGT9	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
78R37F	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

7AJ4MP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
7FEKK4	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
7JNZHF	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
7JWTP6	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NA
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NA	NA	14,15	7,7	6,9
	16,16	10	NA	NA	2	
7K7ZPC	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NA
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NA	NA	14,15	7,7	6,9
	16,16	10	NA	NA	2	
7N6PCX	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
7TEJYA	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

7TJCN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
7UPEQT	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
7WH7XX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
7WP9TX	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
7ZFLFT	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
829XM7	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
83M4QG	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

86W7DU	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
88RERB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
8A8X7M	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
8AR3ZZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
8CPQX9	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
8L7NBR	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
8N3CBN	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

8TTFRL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
8VGRTC	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NA
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NA	NA	14,15	7,7	6,9
	16,16	10	NA	NA	2	
8W83DD	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
8XV2FJ	Identifiler®					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
8XZ393	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
8Y3GDP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
8YYR9R	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

8YZUUP	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
93EAYV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
93U66F	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
94VG4C	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
96D9N7	Investigator® 24plex QS Kit (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
972DVD	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
98EB6J	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

98QBYQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
9BCFRG	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
9BGAKH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
9E34L2	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
9ECLBU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
9HRV7R	Investigator® 24plex QS, 27 Flexplex					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	n/a	12,15	14,15	7,7	6,9
	16,16	10	18	18	n/a	
9J8BYD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

9KG4CM	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
9L8APR	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
9M6UX7	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
9PAP2G	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
9QQUY8	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
9TFZJ4	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
9TYRQ3	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

9U8XVQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
9WG4BQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
9XYCZZ	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
9Z9FMN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
A3TMLB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
A8JVZQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
A8NXXH	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

A9ARZY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
A9R7RM	Investigator® 24plex (STRMix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
AAY27T	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
AD98YZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ADBCGA	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
ADTANF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
AENYYP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

AF4XTZ	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
AGGUWJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
AH3M8Z	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
AKDFNL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
AL2Y4Z	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ALR7XL	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
AMZJFM	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	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 2 - STR Results

APNEZM	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
APQPTR	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
AQ4NCL	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
ATQJ4F	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
AUEZGN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
AUJ6HK	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
AWK9XL	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

AYVHDK	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
AZZP3J	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
B3VN9M	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
B4FTF8	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
B4PWGL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
B69HP2	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
B86WN7	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

B8XX44	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BA4BTH	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
BCAX99	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
BDYN3U	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
BE7JP2	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
BEJAKY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BEYTX	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

BFR3W6	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BGE9YH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
BHVMWY	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
BJXR2	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
BL4NMP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
BLLDCF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
BP2HT6	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

BRHCCT	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
BTEE69	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
BU2JFL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BU7DGL	Investigator® 24plex (STRMix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
BUFCBJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BUM3FM	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
BUW8HP	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

BVAQP2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
BW4KZQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
BYGUQ6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
C6CJ6L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
C79FU4	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
CA3VZH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
CCWN99	VeriFiler Plus					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16				2	

TABLE 2

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

Item 2 - STR Results

CE9HL7	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
CF8P3Q	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
CFAE8N	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
CH8YUU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
CJ29NQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
CJ2MCP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NR
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NR	NR	14,15	7	6,9
	16	10	NR	NR	2	
CMVT8V	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

CN7F4N	PowerPlex® 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
CQCKF4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
CQDEAV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
CR92LY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
CRPKLJ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
CTGV7H	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
CUNGV D	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

CWT8Y8	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
CXMVH4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
CYTXUV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
CZW3KW	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
D3PKQB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
D73HZJ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
D9A42J	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					

TABLE 2

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

Item 2 - STR Results

DB74BL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
DEE3C9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
DGE8J9	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
DGHYMB	GlobalFiler™ Express, FlexPlex					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22		12,15	14,15	7	6,9
	16	10	18	18	2	
DH79J6	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
DJMHTJ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
DLD4HN	Investigator® 24plex GO!					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	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

DNAFY9	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
DPFBCE	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
DPUH2N	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NT
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NT	NT	14,15	7,7	6,9
	16,16	10	NT	NT	2	
DTTHV7	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
DU696A	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
DV4M49	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
DV8TFH	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

E3K2GJ	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
E43JLV	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
E69W68	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
E97Y4L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
E9MJQY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EBAPYF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
EBDEEX	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	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 2 - STR Results

ECL69U	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
ECRKW9	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
EF3UQX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EG9UJG	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
EGGWFQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EHCYJE	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
EJ69FW	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	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

EJVF3N	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
EKX7JU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
EMCW9L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EP84XN	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
EQD2YG	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
ETT4A	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
EUJUH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

EV2AZD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
EVG4ML	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EVV8Z8	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
EX7B8H	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EX7DTF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
EZ6ZLH	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
F3EJ2E	PowerPlex® 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

F49HTX	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
F636NB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
FBED97	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
FCHRCH	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					
FF6XZT	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
FF7ALJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
FHYYP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

FJXW3C	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
FJZBJQ	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
FKQWX3	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
FL996T	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
FLJTG6	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
FRY8PM	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
FT99LU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

FUBUJV	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
FW7ANQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
FX3PWF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
FXTLRH	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
FYBFTR	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
FZ8MEH	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
FZ9NXV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	

TABLE 2

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

Item 2 - STR Results

G3KCDJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
G497ZG	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
G7YBMM	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
G8QEE9	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
GFJMWE	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
GG79BA	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
GJ4FRT	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

GJV33Q	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
GJWMHJ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
GKC74X	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
GKC9QG	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
GKK86P	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
GM3CH3	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
GNPNQZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

GP8Z2Y	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
GQG7ZL	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
GQKP6B	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
GRRG4W	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
GTGYQQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
GTLLMQ	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
GWRNPU	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

GWY77C		PowerPlex® Fusion 6C (STRmix)					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	2.2,5	12,15	14,15	7	6,9
		16	10	18	18		
GYB4WV		GlobalFiler™					
		11,17.3	18,20	11,14	15,17	12,13	-
2		9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	-	-	14,15	7,7	6,9
		16,16	10	-	-	2	
GYVAK8		PowerPlex® Fusion 6C					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	2.2,5	12,15	14,15	7	6,9
		16	10	18	18		
GZJYZR		Investigator® 24plex QS					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7	6,9
		16	10				
H4RT43		Investigator® 24plex					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7,7	6,9
		16,16	10				
H97HR7		GlobalFiler™ Express					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7	6,9
		16	10			2	
HBF2ZM		PowerPlex® Fusion					
		11,17.3	18,20	11,14	15,17	12,13	
2		9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	2.2,5	12,15		7,7	6,9
		16,16	10				

TABLE 2

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

Item 2 - STR Results

HCD39Y	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
HCF9QZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
HENAPR	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
HFVEYN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	not tested
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	not tested	not tested	14,15	7,7	6,9
	16,16	10	not tested	not tested	2	
HGJHFF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
HHD9K9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
HJBJFB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

HJGKPH	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
HK8BTQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
HKQKX7	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
HLQ6VC	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
HNQA3C	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
HTGJBP	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
HTGLX9	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					

TABLE 2

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

Item 2 - STR Results

HXFZMJ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
HZCCY6	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
HZGHTL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
J38Y2L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JANGBM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JBER2F	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JBLEPU	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

JBYJWL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JEWNAJ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
JFMPAF	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					
JFVK8V	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
JFYMUZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
JHUK3D	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JJR8F	FlexPlex27					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	12,15	14,15	7,7	6,9
	16,16	10	18	18	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

JKR4MY	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
JLTZB2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
JNC92N	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
JP7WL6	Investigator® 24plex (STRMIX)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
JQ2BD4	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
JV3QAC	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
JX2YLV	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

JXGJCE	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
JXK8QC	PowerPlex® ESX 16 Fast					
	11,17.3	18,20	11,14	15,17		
2		14,15	13,15	15,18		11,12
	16,18	12,13	28,32.2	11,14	X,Y	
	18.2,22				7	
	16					
JXKKKD	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
K3BFR3	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
K4YGCL	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
K6JDHY	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
K8H39K	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

K92TNK	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
KB8A8A	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
KBYQX	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
KCLKX2	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
KG2WCV	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
KHVCBT	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
KJCPCP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

KMENRN	PowerPlex® Fusion 6C (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
KPRQW8	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
KRYXQL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
KTCGMC	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
KVWWMQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
KWUMBY	Verifiler Plus					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16				2	
KX4WN4	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

L4N6UF	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	2	
L4NXGA	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NT
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NT	NT	14,15	7,7	6,9
	16,16	10	NT	NT	2	
L6LL2B	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
L7GFAV	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
L7UB99	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
L87K48	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
L8RE9B	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

L8WQ3K	Investigator® 24plex (STRMix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
L9JKE4	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
LBAGCA	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10			2	
LBAN6M	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LDA92E	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
LDCLFH	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
LDDEFB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

LE2NVX	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
LE7CJA	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LH2UFV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LJCJXL	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LJVHW6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
LKJKD8	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
LKKCCF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	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

LL3VFR	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LMUTT6	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LPFP7X	Investigator® 24plex QS (strmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
LQ7EB6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
LQADPT	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
LRL6LF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
LTQRRF	PowerPlex® Fusion 6C Direct					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

LTT684	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
LU8H3R	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
LUZCK4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
LVRDJZ	FlexPlex 27					
	11,17.3	18,20	11,14	15,17	12,13	11,18
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22		12,15	14,15	7	6,9
	16	10	18	18		
LX79MQ	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
LXE8R2	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
LXFX3P	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

M2R8L8	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
M2ZEFA	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
M6GWKY	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
M7T4TE	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
M7UDU8	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
M973H2	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
MBG3UM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NA
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NA	NA	14,15	7,7	6,9
	16,16	10	NA	NA	2	

TABLE 2

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

Item 2 - STR Results

MCBULZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
MCGQNK	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
MCKBFU	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
MHJE76	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
MMJ4LZ	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
MN7YX7	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
MQHPR4	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	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 2 - STR Results

MQQRRW	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
MU9Y43	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
MVDEUA	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
MZ4X8K	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
MZPBPB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
N2AHA7	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
N2TWQA	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					

TABLE 2

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

Item 2 - STR Results

N3PAD3	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
N69Z3R	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	-----
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18	-----	
N8J4EA	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
N8LTLU	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
N8YYMH	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
NABJ38	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	inc	6,9
	16,16	10			2	
NCR4E2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

NDZAJP	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
NEKDL4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
NG34KZ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
NMXPXM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
NNA4AH	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
NNBW9P	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
NNQV4E	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

NTZ2PD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
NUCRNV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	
NV34M	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
NW8JL	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
NWFRH2	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
NY8JAZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
NYXYXN	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

NZY7LF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
NZYH97	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
P2FHA6	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
P2UY4M	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
P2XWHA	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
P369AJ	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
P3KAUF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

P6R26M	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
P7KB24	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	N/A	
P9LZ26	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
PAFNKZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
PAXXBF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
PBNY4W	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
PCBN3R	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

PEMYXG	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
PERMMT	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
PGZLB9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
PKHKLP	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
PLKQ36	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
PLTQ2R	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
PM6PWZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

PMJ4CW	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
PNMZ88	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
PPC4KU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	
PQ6Y3W	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
PTU3ZA	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
PZCNTD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
Q6J32G	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

Q733QL	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
Q743KU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
Q7BK4X	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
Q969LT	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
Q98E39	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
QALAUE	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
QGXH6N	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				

TABLE 2

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

Item 2 - STR Results

QKBBV4	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
QL63YM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
QLFDCM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
QM8JQR	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
QN4YYH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
QQQQRZ	Identifiler®					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	18,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
QRVDZK	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

QU2ZNB	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
QVPXWW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10,-			2,-	
QVYBKD	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
QWPEBZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
QWUAZK	PowerPlex® Fusion 5C, MiniFiler					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
QXPCP2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
QXPQE3	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

QXWU7K	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
R9K9H9	PowerPlex® Fusion 6c					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
R9RNY3	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
R9ZBN3	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RAGJDB	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RDT9HY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
RE2J2W	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

RFRMRH	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
RGXAQW	PowerPlex® Fusion, GlobalFiler™ (GeneMapper® ID-X 1.4)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
RH77R8	PowerPlex® Fusion 6C (STRMix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RHRZUQ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
RJFZPT	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RMM9D6	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
RNNDEE	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

RP6H44	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RQGCL6	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
RRBJ6A	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	NOT TESTED
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	NOT TESTED	
RTKY93	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
RVF3AW	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
RW9L7A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16					
RXCBYR	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

RXV8FX	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
RXV8FX	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
R7Y7HM	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
T3TZDM	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
T3U7YB	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
T4YLKZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
T6HU73	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
T7CHNX	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					

TABLE 2

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

Item 2 - STR Results

T83QKM	PowerPlex® 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
TBEABV	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
TBK3BC	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
TCE834	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
TCH4MV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
TCQXNF	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
TD6BGJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

TDQFX3	GlobalFiler™ (STRmix LR Prev)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
TFJZEB	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	NA
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	NA	7	6,9
	16	10	NA	NA	NA	
TFN42F	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
TFVKGC	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
TGE9DY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
THN7WH	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
TJE7HD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

TLLVW3	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
TM4LG9	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
TMFNNE	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
TX7D9T	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
TZ3VKF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
TZMVX2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
TZURUH	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

TZWH3L	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
U3QTLJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
U3WCVM	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
U4GYYP	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
U4RQN8	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
U7Z7TR	Investigator® 24plex QS (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
UA44WC	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

UAVGP7	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
UAYGPR	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
UBQHNN	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
UCKPV2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
UCLWH9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	NT
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	NT	NT	14,15	7	6,9
	16	10	NT	NT	2	
UD7LWM	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
UDRHJ2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

UFVP4L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UG7RQK	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UJAFYV	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
ULHTK3	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ULL4M2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UMR7BX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UMUXA9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

UPMZX9	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
UPYZZP	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	
UQFXN9	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UT4HP7	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
UVM7RD	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	Not Tested
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	Not Tested	
V34DY3	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
V4VEXX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

V64EP4	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					
V73WYF	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	
V7HWUW	Investigator® 24plex GO					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	N/A	
V7U4RQ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
V8L6MG	Investigator® 24plex qs					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
V8QHEJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VA79U3	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

VBMLVY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
VC738Q	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
VCMKLC	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
VDNUWW	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
VECBQJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VFY4CL	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
VHWRCG	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

VJ3TW8	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
VJE48L	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
VJNRAT	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
VJUJK2	PowerPlex® Fusion, GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10			2	
VJWKCB	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VKB2TK	Investigator® 24plex (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
VKVP7A	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

VKY7JZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
VLQ8JW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VMQ6XX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VMVGY2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
VXPJWV	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	N/A	
VYJCL8	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
W3WQYZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

W47XY8	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
W49N44	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
W4QLDV	Investigator® 24plex GO!					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
W4TP47	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
W6KQ33	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
W7K8LE	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
W7NM3L	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	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

W7QQVH	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
W7TFZE	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
W8DLRY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
W9MQ4Z	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
W9V6YW	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
WBAPKX	Investigator® 24plex GO! (TrueAllele)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
WE289A	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

WEEUHY	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
WFLTBZ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
WG77E6	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
WGYHFX	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
WME48N	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
WNBRY	PowerPlex® Fusion (Familias v.3.2.2)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	10				
WPZEYW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

WQ2K2V	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
WRNGPM	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
WUFEE8	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
WUYAUM	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
WWTD43	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					
WXL2Q6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
WXP4C	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

WYZ772	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
WZ9EX9	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
WZDQWQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
X22GQ4	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
X4MERE	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
X4TJN6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
X6XENA	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

X7JP2N	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
X8KK2X	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
X9Q6EL	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
XAMRDQ	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
XBUK2R	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
XCHAW6	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
XCKMCT	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

XD3K8P	Investigator® 24plex (STRmix)						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7	6,9
	16	10					
XG22KE	PowerPlex® Fusion 6C						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18			
XKCFP7	GlobalFiler™						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7	6,9
	16	10			2		
XN944R	GlobalFiler™						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7,7	6,9
	16,16	10			2		
XQ3HLX	PowerPlex® Fusion 5C						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22	2.2,5	12,15		7	6,9
	16	10					
XTJDXG	Investigator® 24plex						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11,11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7,7	6,9
	16,16	10					
XU67D7	GlobalFiler™						
		11,17.3	18,20	11,14	15,17	12,13	
	2	9,10	14,15	13,15	15,18	11	11,12
		16,18	12,13	28,32.2	11,14	X,Y	7,10
		18.2,22			14,15	7	6,9
	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 2 - STR Results

XWAFFG	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
XY8VHK	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
XZB9RZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
Y3B2WJ	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
Y4ARG7	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
Y4MTT7	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
Y7P6FT	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				

TABLE 2

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

Item 2 - STR Results

Y9XMTJ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
YAB2XR	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18		
YAWPZ2	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
YE39FZ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	not tested
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	18	18	not tested	
YGP68R	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
YJTK9B	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
YJW6YX	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	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

YKQD8V	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
YPLMEU	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
YQ7AGB	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
YVP4WA	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
YVTNZ6	PowerPlex® Fusion 5C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16	10				
YXEAZ	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
YZM498	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	

TABLE 2

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

Item 2 - STR Results

Z2BWL3	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	n/a
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	n/a	n/a	14,15	7,7	6,9
	16,16	10	n/a	n/a	n/a	
Z2RXJX	GlobalFiler™ (STRmix)					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
Z4NCHZ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
Z9B2QX	PowerPlex® 21					
	11,17.3	18,20		15,17	12,13	11,18
2	9,10	14,15		15,18	11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22	2.2,5	12,15		7,7	6,9
	16,16					
ZB2YRW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
ZFZ9HQ	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ZGK6MH	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	N/A
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	N/A	N/A	14,15	7,7	6,9
	16,16	10	N/A	N/A	2	

TABLE 2

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

Item 2 - STR Results

ZKDTLQ	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
ZL4YZW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
ZLDABF	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7	6,9
	16	10	18	18		
ZLZJJP	PowerPlex® Fusion					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15		7	6,9
	16	INC				
ZTUWVJ	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
ZUAYZW	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10			2	
ZUMKHL	GlobalFiler™ Express					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	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 2 - STR Results

ZW26PN	Identifiler® Plus					
		18,20		15,17	12,13	
2	9,10	14,15			11,11	11,12
	16,18	12,13	28,32.2		X,Y	7,10
	18.2,22				7,7	6,9
	16,16					
ZWUZQD	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ZXMYJ	Investigator® 24plex					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7,7	6,9
	16,16	10				
ZXMZL3	GlobalFiler™					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10			2	
ZXNNA9	Investigator® 24plex QS					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22			14,15	7	6,9
	16	10				
ZZPGPU	PowerPlex® Fusion 6C					
	11,17.3	18,20	11,14	15,17	12,13	
2	9,10	14,15	13,15	15,18	11,11	11,12
	16,18	12,13	28,32.2	11,14	X,Y	7,10
	18.2,22	2.2,5	12,15	14,15	7,7	6,9
	16,16	10	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

23TXPF	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
24UDAX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
26YV8M	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
28VVEZ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
28XC6K	PowerPlex® Fusion (STRmix V2.7.0)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
28YR9R	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2A4V62	GlobalFiler™ (STRmix v. 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	

TABLE 2

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

Item 3 - STR Results

2CFWFK	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2F6QMU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2GX6UC	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2HAK6C	GlobalFiler™ (STRmix V2.4.06)					
	11,15	24,24	12,14	16,18	11,13	-
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	-	-	26.2,29.2	7,9	8,9
	15,16	-	-	-	-	-
2HDFVQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2KH8M4	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2LCE6Z	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

2QVXV	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
2VWYGE	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2WXYLY	GlobalFiler™ (STRmix 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	
2X7NWH	GlobalFiler™ (Bullet Proof Sentry)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
2ZFHPU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
2ZFWGG	Verifiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16				ND	
32L3VN	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

38GN66	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3A2P2C	PowerPlex® Fusion (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
3A87QG	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3B9ZMU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3DUP6L	PowerPlex® Fusion 6C (STRMIX)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
3EX7FR	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
3G4R8X	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

3HL77E	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3J6TW9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3KU6UT	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3LRGBU	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3LTCAT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3NZ8GW	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	Not Tested
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No results	No results	No results	Not Tested	
3QDJ4T	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

3QWADC	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3QYXC	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
3R6Y84	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
43QZDB	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
48DGH3	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
48FM4A	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
48VC7W	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

4AQ98H	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4DB9DP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
4J46PV	GlobalFiler™ (STRmix 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	
4KCBTJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4PAVUM	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
4PTT89	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4QWLNZ	GlobalFiler™ (STRmix)					
	10,11,14,15	23,24	11,12,13,14	15,16,17,18	10,11,12,13	
3	9,10,11,12	12,13,14,15	13,14,15	15,16,17,18	11,12,13,14	9,12
	15,16,18,19	12,13	27,28,30,31	11,16,17,18	X	7,8
	21,22,23			25.2,26.2,28.2,29.2	7,9	8,9
	14,15,16					

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

4RA8CF	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4TJ972	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4U6F7J	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4UG4V4	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
4W6FWV	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
4W6HGT	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
637Q7F	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

682HGX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6B7JPU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
6CMWP7	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6EC9NC	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6GNF83	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6MQGH6	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6P3PTX	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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

6RCBKP	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
6WAJDZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6YRXCf	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
738Q2D	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
744796	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	N/A				
74EKLY	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	-	-	-		
74ZWMT	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		

TABLE 2

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

Item 3 - STR Results

773RRU	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
783Z8L	Identifiler® Plus, MiniFiler					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
78NGT9	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
78R37F	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7AJ4MP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7FEKK4	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
7JWTP6	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	

TABLE 2

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

Item 3 - STR Results

7K7ZPC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
7TEJYA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7TJCN	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7UPEQT	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7WH7XX	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
7WP9TX	PowerPlex® Fusion 5C					
	[10.2],11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	[11],12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
7ZFLFT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

829XM7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
83M4QG	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
86W7DU	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
88RERB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8A8X7M	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
8AR3ZZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8CPQX9	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

8L7NBR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND			ND	
8N3CBN	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
8TTFRL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12,[13]
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8VGRTC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
8XV2FJ	Identifiler®					
		24,24		16,[17],18	11,13	
3	10,12	[12],13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
8XZ393	Investigator® 24plex QS (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8Y3GDP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

8YYR9R	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
8YZUUP	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
93EAYV	GlobalFiler™ (STRmix v2.4.06)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No result			No result	
93U66F	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
94VG4C	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
96D9N7	Investigator® 24plex QS Kit					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
972DVD	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

98QBYQ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9BCFRG	PowerPlex® Fusion (STRmix v 2.7)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
9BGAKH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9E34L2	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9ECLBU	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9HRV7R	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	n/a
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	n/a	n/a	26.2,29.2	7,9	8,9
	15,16	n/a	n/a	n/a	n/a	
9KG4CM	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

9L8APR	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
9M6UX7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9PAP2G	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,Y	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9QQUY8	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9TFZJ4	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9TYRQ3	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9U8XVQ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

9WG4BQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9XYCZZ	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
9Z9FMN	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A3TMLB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A8JVZQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
A8NXXH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
A9ARZY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

A9R7RM	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AAY27T	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
AD98YZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ADBCGA	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ADTANF	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
AENYYP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AF4XTZ	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

AGGUWJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AH3M8Z	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
AKDFNL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
AL2Y4Z	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ALR7XL	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
AMZJFM	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
APNEZM	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

APQPTR	GlobalFiler™						
	11,15	24,24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	15,16	No typing results			No typing results		
AQ4NCL	PowerPlex® Fusion 5C						
	11,15	24,24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23	2.2,12	9,11		7,9	8,9	
	15,16						
ATQJ4F	PowerPlex® Fusion, GlobalFiler™						
	11,15	24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9	
	15,16						
AUEZGN	GlobalFiler™						
	11,15	24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	15,16	NR				NR	
AUJ6HK	GlobalFiler™						
	11,15	24,24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	15,16	-				-	
AWK9XL	PowerPlex® Fusion 6C (STRmix)						
	11,15	24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9	
	15,16						
AYVHDK	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X 1.4)						
	11,15	24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9	
	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

AZZP3J	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
B3VN9M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
B4FTF8	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
B4PWGL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
B69HP2	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
B86WN7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
B8XX44	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

BA4BTH	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BCAX99	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BDYN3U	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
BE7JP2	PowerPlex® (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
BEJAKY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BEYTX	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BFR3W6	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

BGE9YH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
BHVMWY	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BJTXR2	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
BL4NMP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	--			--	
BLLDCF	Identifiler® Plus, MiniFiler					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
BP2HT6	GlobalFiler™ (STRmix v2.5)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
BRHCCT	PowerPlex® Fusion 5C					
	[10.2],11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

BTEE69	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BU2JFL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BU7DGL	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
BUFCBJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
BUM3FM	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
BUW8HP	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
BVAQP2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

BW4KZQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	ND	ND	ND		
BYGUQ6	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
C6CJ6L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CA3VZH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CCWN99	VeriFiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
CE9HL7	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CF8P3Q	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

CFAE8N	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CH8YUU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CJ29NQ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CJ2MCP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	NR
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	NR	NR	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR	NR	
CQCKF4	GlobalFiler™ (STRmix v2.5)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
CQDEAV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CR92LY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

CRPKLJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
CTGV7H	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
CUNGVD	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CXMH4	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CYTXUV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
CZW3KW	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
D3PKQB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

D73HZJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	{11,13}	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
D9A42J	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
DB74BL	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
DEE3C9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DGE8J9	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DGHYMB	PowerPlex® Fusion 6C (STRmix v2.6.2)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NID	NID	NID		
DH79J6	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

DJMHTJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DLD4HN	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
DNAFY9	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
DPFBCE	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
DPUH2N	GlobalFiler™ (STRmix)					
	10,11,14,15	23,24,25	11,12,13,14	15,16,17,18	10,11,12,13	NT
3	9,10,11,12	12,13,14,15	13,14,15	15,16,17,18	11,12,13,14	8,9,11,12
	15,16,18,19	12,13	27,28,30,31	10,11,16,17,18	X,X	6,7,8
	21,22,23	NT	NT	25.2,26.2,28.2,29.2	6,7,8,9	8,9
	14,15,16	NR	NT	NT	NR	
DU696A	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
DV4M49	PowerPlex® Fusion (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 3 - STR Results

DV8TFH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
E3K2GJ	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
E43JLV	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E69W68	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E97Y4L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
E9MJQY	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
EBAPYF	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

EBDEEX	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,[15]	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,[23]	2.2,12	9,11		7,9	8,9
	15,16	NT				
ECRW9	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
EF3UQX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
EG9UJG	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	-				
EHCYJE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
EJVF3N	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
EKX7JU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

EMCW9L	GlobalFiler™ (STRmix 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	no results			no results	
EP84XN	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
EQD2YG	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ETT4A	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
EUJUJH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
EV2AZD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
EVG4ML	GlobalFiler™ (STRmix 2.4.06)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Result			No Result	

TABLE 2

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

Item 3 - STR Results

EUV8Z8	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
EX7B8H	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
EX7DTF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
EZ6ZLH	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
F3EJ2E	PowerPlex® 6C					
	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
F49HTX	PowerPlex® Fusion, MiniFiler					
	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
FBED97	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

FCHRCH	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31			7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
FF6XZT	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FF7ALJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
FHYYP	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FJXW3C	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FKQWX3	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FL996T	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

FLJTG6	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FRY8PM	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FT99LU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FUBUJV	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FW7ANQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
FX3PWF	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FXTLRH	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				

TABLE 2

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

Item 3 - STR Results

FYBFTR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FZ8MEH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
FZ9NXV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
G3KCDJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
G497ZG	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
G7YBMM	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
G8QEE9	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

GFJMWE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GG79BA	GlobalFiler™ (STRmix 2.5v)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
GJ4FRT	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GJV33Q	GlobalFiler™ (STRmix v 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	
GJWMHJ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GKC74X	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GKC9QG	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

GKK86P	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GM3CH3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GNPNQZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
GP8Z2Y	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GQKP6B	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
GRRG4W	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
GTGYQQ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

GTLLMQ		Identifiler® Plus					
		24,24		16,18	11,13		
3	10,12	13,15			12,14	9,12	
	16,19	13,13	28,31		X,X	7,8	
	22,23				7,9	8,9	
	15,16						
GWRNPU		Investigator® 24plex (STRmix)					
		24,24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	15,16						
GWY77C		PowerPlex® Fusion 6C (STRmix)					
		24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9	
	15,16						
GYB4WV		GlobalFiler™ (STRmix v2.4.06)					
		24,24	12,14	16,18	11,13	-	
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23	-	-	26.2,29.2	7,9	8,9	
	15,16	-	-	-	-	-	
GYVAK8		PowerPlex® Fusion 6C					
		24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9	
	15,16						
GZJYZR		Investigator® 24plex QS					
		24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13	28,31	11,17	X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	15,16						
H4RT43		Investigator® 24plex					
		24,24	12,14	16,18	11,13		
3	10,12	13,15	14,15	16,18	12,14	9,12	
	16,19	13,13	28,31	11,17	X,X	7,8	
	22,23			26.2,29.2	7,9	8,9	
	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

H97HR7	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
HBF2ZM	PowerPlex® 16					
				16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19		28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
HCF9QZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HENAPR	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
HFVEYN	GlobalFiler™ (STRmix v2.4.06)					
	11,15	24,24	12,14	16,18	11,13	not tested
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	not tested	not tested	26.2,29.2	7,9	8,9
	15,16	no results	not tested	not tested	no results	
HGJHFF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HHD9K9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

HJBJFB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HJGKPH	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HKQKX7	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
HLQ6VC	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HNQA3C	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HTGJBP	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
HTGLX9	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

HXFZMJ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
HZCCY6	GlobalFiler™ (STRmix™)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
HZGHTL	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JANGBM	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JBER2F	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	--			--	
JBLEPU	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JBYJWL	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

JEWNAJ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
JFMPAF	PowerPlex® 21 (STRmix v2.8.0)					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
JFVK8V	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
JFYMUZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
JHUK3D	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JKR4MY	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JLTZB2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

JNC92N	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JP7WL6	Investigator® 24plex (STRMIX)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JQ2BD4	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
JV3QAC	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
JX2YLV	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JXGJCE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
JXK8QC	PowerPlex® ESX 16 Fast					
	11,15	24	12,14	16,18		
3		13,15	14,15	16,18		9,12
	16,19	13	28,31	11,17	X	
	22,23				7,9	
	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

JXKKKD	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K3BFR3	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NID	NID	NID	NID	
K4YGCL	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K6JDHY	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
K8H39K	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
K92TNK	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KB8A8A	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	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 3 - STR Results

KBYYQX	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KCLKX2	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KG2WCV	PowerPlex® Fusion (STRmix v2.7)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
KJCPCP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KMENRN	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KPRQW8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KRYXQL	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

KTCGMC	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
KVWWMQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
KWUMBY	Verifiler Plus					
	11,15	24	12,14	16,18	11,13	12,13
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
KX4WN4	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
L4N6UF	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
L4NXGA	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	NT
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NT	NT	26.2,29.2	7,9	8,9
	15,16	NR	NT	NT	NR	
L6LL2B	GlobalFiler™ (STRmix 2.4)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No results			No results	

TABLE 2

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

Item 3 - STR Results

L7GFAV	PowerPlex® Fusion (STRMix 2.7)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
L7UB99	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
L87K48	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
L8RE9B	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
L8WQ3K	Investigator® 24plex (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
L9JKE4	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LBAGCA	PowerPlex® Fusion, GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

LBAN6M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LDA92E	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LDDEFB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
LE2NVX	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LE7CJA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LH2UFV	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LJCJXL	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

LJVHW6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LKJKD8	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LKKCCF	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LL3VFR	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LMUTT6	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LPFP7X	Investigator® 24plex QS (strmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LQ7EB6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

LQADPT	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LRL6LF	GlobalFiler™ (STRmix v 2.6)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
LTQRRF	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LTT684	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
LU8H3R	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LUZCK4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LVRDJZ	PowerPlex® Fusion 6C (STRmix 2.6)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NID	NID	NID		

TABLE 2

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

Item 3 - STR Results

LX79MQ	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LXE8R2	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
LXFX3P	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M2R8L8	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M2ZEFA	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
M6GWKY	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
M7T4TE	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

M7UDU8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
M973H2	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MBG3UM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	NA
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NA	NA	26.2,29.2	7,9	8,9
	15,16	NA	NA	NA	NA	
MCBULZ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MCGQNK	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
MCKBFU	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
MHJE76	Identifiler® Plus, MiniFiler					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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

MMJ4LZ	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
MN7YX7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MQHPR4	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MQQRRW	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
MU9Y43	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
MVDEUA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
MZ4X8K	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

MZPBPB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
N2AHA7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
N2TWQA	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
N3PAD3	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
N8J4EA	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
N8LTLU	PowerPlex® Fusion, AmpFISTR MiniFiler					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NR				
N8YYMH	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

NABJ38	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NCR4E2	GlobalFiler™ (STRmix v2.5)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
NDZAJP	Investigator® 24plex QS (STRMix v.2.4.06)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NG34KZ	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
NMXPXM	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NNQV4E	GlobalFiler™ (STRmix)					
	10,11,14,15	23,24	12,14	15,16,17,18	10,11,12,13	
3	9,10,11,12	12,13,14,15	13,14,15	15,16,17,18	11,12,13,14	9,11,12
	15,16,18,19	12,13	27,28,30,31	11,16,17,18	X	7,8
	21,22,23			26.2,28.2,29.2	7,9	8,9
	15,16					
NTZ2PD	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

NUCRNV	GlobalFiler™					
3	11,15	24,24	12,14	16,18	11,13	N/A
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
NVV34M	Investigator® 24plex QS					
3	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NW8JL	Investigator® 24plex					
3	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NWFRH2	PowerPlex® Fusion 6C (STRMix)					
3	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
NY8JAZ	GlobalFiler™					
3	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NYXYXN	GlobalFiler™					
3	11,15	24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NZY7LF	PowerPlex® Fusion 6C (STRmix)					
3	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

NZYH97	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P2FHA6	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P2XWHA	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P369AJ	PowerPlex® Fusion (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
P3KAUF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P6R26M	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
P7KB24	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	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 3 - STR Results

P9LZ26	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PAFNKZ	GlobalFiler™ (STRmix v2.5.11)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
PAXXBF	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PBNY4W	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PEMYXG	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PERMMT	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PGZLB9	GlobalFiler™ (STRmix)					
		24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16			11,15		

TABLE 2

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

Item 3 - STR Results

PLKQ36	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PLTQ2R	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PM6PWZ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
PMJ4CW	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PNMZ88	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
PPC4KU	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
PQ6Y3W	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

PTU3ZA	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
PZCNTD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Q6J32G	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Q733QL	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,[18]	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	NT				
Q743KU	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Q7BK4X	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
Q969LT	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

Q98E39	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QALAUE	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
QGXH6N	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
QKBBV4	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QL63YM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QLFDCM	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QM8JQR	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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 3 - STR Results

QN4YYH	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QQQQRZ	Identifiler®					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
QRVDZK	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QU2ZNB	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
QVYBKD	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
QWPEBZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QXPCP2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

QXPQE3	PowerPlex® Fusion, GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
QXWU7K	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
R9K9H9	PowerPlex® Fusion 6c					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
R9RNY3	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
R9ZBN3	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RAGJDB	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RDT9HY	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

RE2J2W	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RFRMRH	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RGXAQW	PowerPlex® Fusion, GlobalFiler™ (GeneMapper® ID-X 1.4)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RH77R8	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RHRZUQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
RJFZPT	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RMM9D6	PowerPlex® Fusion 5C					
	[10.2],11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17,[18]	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

RNNDEE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RP6H44	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RQGCL6	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RRBJ6A	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	NOT TESTED
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results	NOT TESTED	
RTKY93	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RVF3AW	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
RW9L7A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

RXCBYR	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
RXV8FX	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
RY7YHM	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
T3TZDM	GlobalFiler™ (STRmix v2.5)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
T4YLKZ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
T6HU73	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
T7CHNX	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

TBEABV	GlobalFiler™ (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
TBK3BC	GlobalFiler™ (STRmix v2.4.06)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TCE834	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	----			----	
TCH4MV	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
TCQXNF	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TD6BGJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TDQFX3	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

TFJZEB	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	NA
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	NA	7,9	8,9
	15,16	NR/NE	NA	NA	NA	
TFN42F	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TFVKGC	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TGE9DY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
THN7WH	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				
TJE7HD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
TLLVW3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

TM4LG9	PowerPlex® Fusion 5C					
	[10.2],11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,[11],12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
TMFNNE	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TX7D9T	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TZ3VKF	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
TZMVX2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TZURUH	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
TZWH3L	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

U3QTLJ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
U3WCVM	Investigator® 24plex (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
U4GYYP	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
U4RQN8	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
U7Z7TR	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UA44WC	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
UAVGP7	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

UAYGPR	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UBQHNN	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UCKPV2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UCLWH9	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	NT
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	NT	NT	26.2,29.2	7,9	8,9
	15,16	NR	NT	NT	NR	
UD7LWM	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
UDRHJ2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UFVP4L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

UG7RQK	GlobalFiler™ (STRMix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UJAFYV	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ULHTK3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ULL4M2	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
UMR7BX	Identifiler® Plus, MiniFiler, LCN ID+					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
UMUXA9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UPMZX9	PowerPlex® Fusion 5C					
	[10.2],11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

UPYZZP	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	NSD	N/A	N/A	NSD	
UQFXN9	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
UT4HP7	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
UVM7RD	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	Not Tested
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results	Not Tested	
V34DY3	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V4VEXX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V64EP4	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	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

V73WYF	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
V7HWUW	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
V8L6MG	Investigator® 24plex qs (STRMix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
V8QHEJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VBMLVY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VC738Q	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VCMKLC	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

VDNUWW	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	-				
VECBQJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VFY4CL	Investigator® 24plex					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VJ3TW8	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VJE48L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VJNRAT	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
VJUJK2	PowerPlex® Fusion, GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

VJWKCB	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
VKB2TK	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VKVP7A	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-				
VKY7JZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VLQ8JW	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VMQ6XX	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
VMVG Y2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

VXPJWW	Investigator® 24plex QS, 27FlexPlex					
	11,15	24,24	12,14	16,18	11,13	INC
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	INC	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
VYJCL8	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W3WQYZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W47XY8	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
W49N44	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W4QLDV	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W4TP47	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

W6KQ33	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W7K8LE	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W7NM3L	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
W7QQVH	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W7TFZE	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
W8DLRY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
W9MQ4Z	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

W9V6YW	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
WBAPKX	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR				
WE289A	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WEEUHY	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR		
WFLTBZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WG77E6	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WGYHFX	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

WME48N	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WNBYRY	PowerPlex® Fusion (Familias v.3.2.2)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
WPZEYW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WQ2K2V	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WRNGPM	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WWTD43	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
WXL2Q6	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

WXP4C	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WYZ72	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
WZ9EX9	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
WZDQWQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
X22GQ4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	-			-	
X4MERE	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X4TJN6	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

X7JP2N	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X8KK2X	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
X9Q6EL	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XAMRDQ	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XCHAW6	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	ND	ND	ND		
XCKMCT	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
XD3K8P	Investigator® 24plex (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

XG22KE	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XKCFP7	GlobalFiler™ (STRmix)					
	10,11,14,15	23,24	11,12,13,14	15,16,17,18	10,11,12,13	
3	9,10,11,12	12,13,14,15	13,14,15	16,17,18	11,12,13,14	9,12
	15,16,18,19	12,13	27,28,30,31	11,16,17	X	7,8
	21,22,23			25.2,26.2,28.2,29.2	7,9	8,9
	15,16					
XN944R	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XQ3HLX	PowerPlex® Fusion 5C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
XTJDXG	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XU67D7	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
XWAFFG	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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

XY8VHK	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
XZB9RZ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y3B2WJ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NM			NM	
Y4ARG7	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y4MTT7	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
Y7P6FT	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,Y	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Y9XMTJ	GlobalFiler™ (STRmix v2.5)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	NR	NR	26.2,29.2	7,9	8,9
	15,16	NR	NR	NR	NR	

TABLE 2

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

Item 3 - STR Results

YAWPZ2	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YE39FZ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	not tested
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	no results	no results	no results	not tested	
YGP68R	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YJTK9B	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YJW6YX	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YKQD8V	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YPLMEU	Identifiler® Plus					
		24,24		16,18	11,13	
3	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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

YQ7AGB	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YVP4WA	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
YVTNZ6	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
YXEADZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
YZM498	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
Z2BWL3	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	n/a
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	n/a	n/a	26.2,29.2	7,9	8,9
	15,16	N/A	n/a	n/a	n/a	
Z2RXJX	GlobalFiler™ (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

Z4NCHZ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	NR			NR	
Z9B2QX	PowerPlex® 21					
	11,15	24,24		16,18	11,13	12,13
3	10,12	13,15		16,18	12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
ZB2YRW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZFZ9HQ	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZGK6MH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	N/A
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	N/A	N/A	26.2,29.2	7,9	8,9
	15,16	N/A	N/A	N/A	N/A	
ZKDTLQ	PowerPlex® Fusion 6C					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ZL4YZW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

ZLDABF	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
ZLZJJP	PowerPlex® Fusion					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
ZTUWVJ	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZUAYZW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZWUZQD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZXMYXJ	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZXMZL3	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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

ZXNNA9	Investigator® 24plex QS					
	11,15	24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
ZZPGPU	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 3e - STR Results

28VA42	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
2THHG2	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND				ND
3RJXC9	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results		No Results		
3VMR8R	PowerPlex® Fusion (BulletProof)					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
4EZ2ZR	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
74LMHY	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
7N6PCX	Investigator® 24plex QS					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	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 3e - STR Results

9J8BYD	GlobalFiler™					
	11,15	24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
C79FU4	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
CMVT8V	PowerPlex® 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
ECL69U	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
EGGWFQ	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
EJ69FW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
F636NB	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 3e - STR Results

FJZBJQ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
GQG7ZL	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
HCD39Y	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
HK8BTQ	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
J38Y2L	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	ND			ND	
KHVCBT	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
LDCLFH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X	7,8
	22,23			26.2,29.2	7,9	8,9
	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 3e - STR Results

NNA4AH	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
NNBW9P	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
P2UY4M	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
PCBN3R	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16	No Results	No Results	No Results		
PKHKLP	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	No Results				
QVPXWW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QWUAZK	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	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 3e - STR Results

T3U7YB	PowerPlex® Fusion 5C					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2,2,12	9,11		7,9	8,9
	15,16	No Results				
T83QKM	Investigator® 24plex					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26,2,29,2	7,9	8,9
	15,16	No Results				
VHWRCG	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26,2,29,2	7,9	8,9
	15,16	No Results			No Results	
XBUK2R	Identifiler® Plus					
		24,24		16,18	11,13	
3e	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	15,16					
ZW26PN	Identifiler® Plus					
		24,24		16,18	11,13	
3e	10,12	13,15			12,14	9,12
	16,19	13,13	28,31		X,X	7,8
	22,23				7,9	8,9
	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 3sp - STR Results

28VA42	PowerPlex® Fusion 5C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results		No Results	No Results
	No Results	No Results				
2THHG2	GlobalFiler™					
	ND	ND	ND	ND	ND	
3sp	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND
	ND			ND	ND	ND
	ND	ND			ND	
3RJXC9	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		
3VMR8R	PowerPlex® Fusion (BulletProof)					
3sp						
4EZ2ZR	PowerPlex® Fusion 6C					
3sp						
74LMHY	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	X,---	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	
7N6PCX	Investigator® 24plex QS					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results				

TABLE 2

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

9J8BYD	GlobalFiler™					
3sp	[Redacted]					
	[Redacted]					

C79FU4	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	

CMVT8V	PowerPlex® 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		

ECL69U	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		

EGGWFQ	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		

EJ69FW	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	

F636NB	GlobalFiler™					
3sp	[Redacted]					
	[Redacted]					

TABLE 2

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

Item 3sp - STR Results

FJZBJQ	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	
GQG7ZL	PowerPlex® Fusion 6C					
	No Results	No Results	12,12	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		
HCD39Y	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	
HK8BTQ	GlobalFiler™					
	11,15	24,---	12,14	16,18	11,13	
3sp	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16	No Results			No Results	
J38Y2L	GlobalFiler™					
3sp						
KHVCBT	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	
LDCLFH	GlobalFiler™					
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

NNA4AH	GlobalFiler™					
	11		18			
3sp	10	15	14			
	16,19	13	31		X	7
	22,23				9	
	15					
NNBW9P	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		
P2UY4M	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results		No Results	No Results		
PCBN3R	PowerPlex® Fusion 6C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results		
PKHKLP	PowerPlex® Fusion 5C					
	No Results	24,---	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results				
QVPXWW	GlobalFiler™					
	11,15	24,24	12,14	16,18	11,13	
3sp	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23			26.2,29.2	7,9	8,9
	15,16					
QWUAZK	PowerPlex® Fusion 5C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	13,---	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results				

TABLE 2

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

T3U7YB	PowerPlex® Fusion 5C					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results				
T83QKM	Investigator® 24plex					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results				
VHWRCG	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	No Results			No Results	
XBUK2R	Identifiler® Plus					
				16,-		
3sp		13,-				
ZW26PN	Identifiler® Plus					
		n/a		n/a	n/a	
3sp	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					

TABLE 2

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

Item 4 - STR Results

3EX7FR	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
3LRGBU	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16	X,Y	7,8,11,13
	22			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
74EKLY	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
7TJCN	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
7UPEQT	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8YZUUP	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
94VG4C	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	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 4 - STR Results

APNEZM	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EBAPYF	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EKX7JU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EVV8Z8	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
F49HTX	PowerPlex® Fusion, MiniFiler					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
HBF2ZM	PowerPlex® 16					
				14,15,[16,18]	11,11,[13]	
4	9,9,[10,12]	10,12,[13,15]			12,12,[14]	[9],12,13
	12,13,[16,19]		[28],30,[31],33.2		X,Y	[7,8],11,13
	22,22,[23]	[2.2],9,[12],13	5,[9,11],14		6,[7,9],10	8,9
	13,15,[16]					
KPRQW8	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4 - STR Results

MN7YX7	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
N8LTLU	PowerPlex® Fusion, AmpFISTR MiniFiler					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
P6R26M	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,[Y]	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
QWPEBZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
QXPCP2	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
RDT9HY	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
RQGCI6	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4 - STR Results

TFJZEB	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
VMQ6XX	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
W6KQ33	GlobalFiler™					
4						
WQ2K2V	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
YGP68R	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
YXEAZ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

23TXPF	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
24UDAX	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
26YV8M	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
28VA42	PowerPlex® Fusion 5C					
	11,15,[16]	[20],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[13]
	22,23	2.2,[9],12,[13]	[5],9,11,[14]		[6],7,9,[10]	8,9
	[13],15,16	10				
28VVEZ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
28XC6K	PowerPlex® Fusion (STRmix V2.7.0)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
28YR9R	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

2A4V62	GlobalFiler™ (STRmix v 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2CFWFK	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	8,9,10,12	10,12,13,15	12,13,14,15	16,17,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	12,13,14,15,16	10				
2F6QMU	GlobalFiler™ (STRmix 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2GX6UC	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2HAK6C	GlobalFiler™ (STRmix V2.4.06)					
	11,15,16	19,20,22,23,24	10,11,12,13,14	14,15,16,17,18	10,11,12,13	-
4e	9,10,11,12	10,11,12,13,14,15	13,14,15	15,16,17,18,20	11,12,13,14	8,9,11,12,13
	12,13,15,16,18,19	12,13,14,16.2	27,28,30,31,33.2	10,11,15,16,17,18	X,Y	6,7,8,11,13
	21,22,23	-	-	20,26.2,29.2	6,7,8,9,10	8,9
	13,14,15,16	10	-	-	2	
2HDFVQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2KH8M4	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

2LCE6Z	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
2QVXV	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
2THHG2	GlobalFiler™					
	11,15,[16]	[20],23,24	10,11,12,14	14,[15],16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,[20]	12,14	9,12,[13]
	[12],13,16,19	13,14,16.2	28,[30],31,33.2	11,16,17	X,Y	7,8,[11,13]
	22,23			20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10			2	
2VWYGE	Investigator® 24plex (STRmix)					
	11,14,15,16	20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	12,13,14,15	16,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
2WXYLY	GlobalFiler™ (STRmix 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2X7NWH	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
2ZFHPU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	13,15,[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 4e - STR Results

2ZFWGG	Verifiler Plus					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	10,11,[12],[13]
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]	[2.2],9,[12],13	5,[9],[11],14		6,[7],[9],10	8,9
	13,15,[16]				2	
32L3VN	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
38GN66	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3A2P2C	PowerPlex® Fusion (STRMix)					
	11,15	24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
3A87QG	Investigator® 24plex					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
3B9ZMU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3DUP6L	PowerPlex® Fusion 6C (STRMIX)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

3G4R8X	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3HL77E	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
3J6TW9	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3KU6UT	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3LTCAT	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3NZ8GW	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	Not Tested
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18	Not Tested	
3QDJ4T	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

3QWADC	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
3QYXC	Investigator® 24plex QS (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
3R6Y84	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
3RJXC9	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	[9],12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	20,26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10	19	18		
3VMR8R	PowerPlex® Fusion (BulletProof)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,[Y]	7,8,11,13
	22,[23]	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
43QZDB	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	12,13,14,15	16,17,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,29,30,32.2,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	12,13,14,15,16	10				
48DGH3	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

48FM4A	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16,18	11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
48VC7W	PowerPlex® Fusion 5C					
	11,15,(16)	(20),(23),24,24	(10),(11),12,14	(13),(14),(15),16,18	11,13	
4e	(9),10,12	(10),(12),13,15	(13),14,15	16,18,(20)	12,14	9,12,(13)
	(12),(13),16,(18),19	13,13,(14),(16.2)	28,(30),31,(33.2)	11,(16),17	X,X / (X,Y)	7,8,(9),(11),(13)
	22,23	2.2,(9),12,(13)	(5),9,11,(14)		(6),7,9,(10)	8,9
	(13),15,16	(10)				
4AQ98H	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
4DB9DP	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
4EZ2ZR	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
4J46PV	GlobalFiler™ (STRmix 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
4KCBTJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

4PAVUM	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
4PTT89	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
4QWLNZ	GlobalFiler™ (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,29,30,31,32.2,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
4RA8CF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
4TJ972	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
4U6F7J	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
4UG4V4	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

4W6FWV	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
4W6HGT	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
637Q7F	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,[21],26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
682HGX	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
6B7JPU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	(11),12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	(21),22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
6CMWP7	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6EC9NC	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 4e - STR Results

6GNF83	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
6MQGH6	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
6P3PTX	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
6RCBKP	Investigator® 24plex QS					
	11,15,(16)	24,24	(10,11),12,14	(14,15),16,18	11,13	
4e	(9),10,12	(10,12),13,15	14,15	16,18,(20)	12,14	9,12,(13)
	(12,13),16,19	13,13,(16.2)	28,(30),31,(33.2)	11,17	X,X,(Y)	7,8,(11)
	22,23			(20),26.2,29.2	(6),7,9,(10)	8,9
	(13),15,16	(10)				
6WAJDZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
6YRXCFC	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
738Q2D	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	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 4e - STR Results

744796	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
74LMHY	GlobalFiler™					
	11,15,[16]	20,23,24	10,11,12,14	[14],15,16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,[7],9,10	8,9
	[13],15,[16]	10			2	
74ZWMT	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
773RRU	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	19,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
783Z8L	Identifiler® Plus, MiniFiler					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
78NGT9	Investigator® 24plex (STRMix)					
	11,14,15,16	20,23,24	10,11,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22,23			19,20,26.2,29.2	6,9,10	8,9
	13,15,16	10				
78R37F	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

7AJ4MP	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
7FEKK4	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
7JWTP6	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NA
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,14,16.2	28,30,31,[33.2]	11,16,17	X,Y	7,8,11,[13]
	22,23	NA	NA	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NA	NA	2	
7K7ZPC	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NA
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NA	NA	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NA	NA	2	
7N6PCX	Investigator® 24plex QS					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,[15]	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,23			20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10				
7TEJYA	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
7WH7XX	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

7WP9TX	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,[17],18	11,13	
4e	9,10,12	10,12,13,[14],15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y / X,X	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
7ZFLFT	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
829XM7	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
83M4QG	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
86W7DU	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,X / X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
88RERB	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8A8X7M	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

8AR3ZZ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8CPQX9	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
8L7NBR	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			18,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8N3CBN	PowerPlex® Fusion 6C					
	11,15#	24#	12,14#	16,18#	11,13	
4e	10,12#	13,15#	14,15#	16,18#	12,14	9,12#
	16,19#	13#	28,31#	11,17#	X#	7,8#
	22,23	2.2,12#	9,11#	26.2,29.2#	7,9#	8,9
	15,16#					
8TTFRL	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8VGRTC	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NA
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NA	NA	20,26.2,29.2	6,[7],9,10	8,9
	13,15,16	10	NA	NA	2	
8XV2FJ	Identifiler®					
		20,23,24		14,15,16,18	11,[12],13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,[18],19	13,14,16.2	28,30,31,33.2		X,X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					

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 4e - STR Results

8XZ393	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,11,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
8Y3GDP	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
8YYR9R	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
93EAYV	GlobalFiler™ (STRmix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
93U66F	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
96D9N7	Investigator® 24plex QS Kit (STRmix)					
	11,14,15,16	20,23,24	10,11,14	14,15,16,18	10,11,13	
4e	9,10	10,12,13,15	12,13,14,15	16,18,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	8,11,12,13
	21,22			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
972DVD	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

98QBYQ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
9BCFRG	PowerPlex® Fusion (STRmix v 2.7)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
9BGAKH	GlobalFiler™					
	[11],15,[16]	20,[23],24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	13,14,15	[16],18,[20]	12,[14]	9,12,[13]
	12,13,16,19	13,14,[16.2]	28,30,31,33.2	[11],16,[17]	X,[Y]	7,8,11,13
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
9E34L2	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
9ECLBU	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
9HRV7R	Investigator® 24plex QS, 27 Flexplex					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	n/a
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	n/a	n/a	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	n/a	n/a	n/a	
9J8BYD	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

9KG4CM	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
9L8APR	GlobalFiler™ (STRmix)					
	10,11,13,14,15,16	19,20,22,23,24	9,10,11,12,13,14	13,14,15,16,17,18	10,11,12,13	
4e	8,9,10,11,12	9,10,11,12,13,14,15	12,13,14,15	15,16,17,18,19,20	11,12,13,14	8,9,11,12,13
	11,12,13,15,16,17,18,19	12,13,14,15.2,16.2	27,28,29,30,31,32.2,33.2	10,11,15,16,17,18	X,Y	6,7,8,10,11,12,13
	21,22,23			19,20,25.2,26.2,28.2,29.2	6,7,8,9,10	7,8,9
	12,13,14,15,16	10			2	
9M6UX7	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
9PAP2G	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
9QQUY8	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9TFZJ4	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
9TYRQ3	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

9U8XVQ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
9WG4BQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,15	[16],18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,16	10			2	
9XYCZZ	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
9Z9FMN	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
A3TMLB	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19,[20]	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
A8JVZQ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17,18	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,8,9,10	8,9
	13,15,16	10			2	
A8NXXH	GlobalFiler™					
	11,15	23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	7,9	8,9
	13,15,16	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 4e - STR Results

A9ARZY	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
A9R7RM	Investigator® 24plex (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
AAY27T	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
AD98YZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ADBCGA	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
ADTANF	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
AENYYP	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

AF4XTZ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AGGUWJ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AH3M8Z	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
AKDFNL	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AL2Y4Z	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ALR7XL	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
AMZJFM	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	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 4e - STR Results

APQPTR	GlobalFiler™ (STRmix V2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AQ4NCL	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y/X,X	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
ATQJ4F	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AUEZGN	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AUJ6HK	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
AWK9XL	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
AYVHDK	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X 1.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

AZZP3J	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
B3VN9M	GlobalFiler™					
	11,15,16	20,23,[24]	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,7,9,10	8,9
	13,15,16	10			2	
B4FTF8	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
B4PWGL	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
B69HP2	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
B86WN7	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
B8XX44	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

BA4BTH	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BCAX99	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BDYN3U	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y,X	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
BE7JP2	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
BEJAKY	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
BEYTX	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BFR3W6	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

BGE9YH	GlobalFiler™					
	11,15	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	14,15	16,18	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31	11,16,17	X,Y	7,8,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
BHVMWY	Investigator® 24plex (STRmix V2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
BJXR2	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
BL4NMP	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
BLLDCF	Identifiler® Plus, MiniFiler					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
BP2HT6	GlobalFiler™ (STRmix v2.5)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
BRHCCT	PowerPlex® Fusion 5C					
	[10.2],11,15,[16]	[20],[23],24,24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,X / [X,Y]	7,8,[11],[13]
	22,23	2.2,[9],12,[13]	[5],9,11,[14]		[6],7,9,[10]	8,9
	[13],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 4e - STR Results

BTEE69	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
BU2JFL	GlobalFiler™					
	[11],15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	9,12,13
	12,13,[16],[19]	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,7,9,10	8,9
	13,15,16	10			2	
BU7DGL	Investigator® 24plex (STRMix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,28.2,29.2	6,7,9,10	8,9
	13,15,16	10				
BUFCBJ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BUM3FM	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,X / X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
BUW8HP	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BVAQP2	GlobalFiler™					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[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 4e - STR Results

BW4KZQ	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
BYGUQ6	PowerPlex® Fusion 6C (STRmix v 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
C6CJ6L	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
C79FU4	GlobalFiler™					
	11,15,[16]	[20],23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	[13],15,[16]	10			2	
CA3VZH	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
CCWN99	VeriFiler Plus					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16				2	
CE9HL7	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	12,13,14,15,16	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 4e - STR Results

CF8P3Q	GlobalFiler™ (STRmix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,11,12,13,15	13,14,15	16,18,19,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,9,10	8,9
	13,15,16	10			2	
CFAE8N	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
CH8YUU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
CJ29NQ	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
CJ2MCP	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NR
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NR	NR	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NR	NR	2	
CMVT8V	PowerPlex® 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,[15]	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10	19	18		
CQCKF4	GlobalFiler™ (STRmix v2.5)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

CQDEAV	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
CR92LY	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
CRPKLJ	PowerPlex® Fusion 6C					
	11,15#	24#	12,14#	16,18#	11,13	
4e	10,12#	13,15#	14,15#	16,18#	12,14	9,12#
	16,19	13#	28,31#	11,17#	X	7,8#
	22,23	2.2,12#	9,11	26.2,29.2#	7,9#	8,9
	15,16#	NR#	NR	NR		
CTGV7H	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
CUNGVD	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
CXMVH4	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
CYTXUV	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

CZW3KW	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
D3PKQB	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
D73HZJ	GlobalFiler™					
	11,15,[16]	[20],23,24	10,[11],12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,[12],13,15	[13],14,[15]	[16],18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,30,31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	[13],15,16	10			2	
D9A42J	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
DB74BL	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,11**,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
DEE3C9	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
DGE8J9	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

DGHYMB	PowerPlex® Fusion 6C (STRmix v2.6.2)					
	[11],15,[16]	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,[13],15	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,[17]	X,[Y]	7,8,11,13
	22,[23]	2.2,9,12,13	5,9,11,14	20,[26.2],[29.2]	6,7,9,10	8,9
	[13],15,[16]	10	19	18		
DH79J6	Investigator® 24plex (STRMix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
DJMHTJ	GlobalFiler™					
	11,15,16	20,24	10,12,14	14,16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	12,13,16,19	13,16.2	28,31	11,17	X,Y	7,8
	22,23			20,26.2,29.2	7,9,10	8,9
	15,16	10			2	
DLD4HN	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	N/A	N/A	N/A	
DNAFY9	Investigator® 24plex					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
DPFBCE	PowerPlex® Fusion 5C (STRmix 2.7)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
DPUH2N	GlobalFiler™ (STRmix)					
	10,11,14,15,16	19,20,22,23,24	9,10,11,12,13,14	13,14,15,16,17,18	10,11,12,13	NT
4e	8,9,10,11,12	9,10,11,12,13,14,15	12,13,14,15	15,16,17,18,19,20	11,12,13,14	8,9,11,12,13
	11,12,13,15,16,18,19	12,13,14,15.2,16.2,27,28,29,30,31,32.2,33	12,13,14,15.2,16.2,17.2,18.2,19.2,20.2,21.2,22.2,23.2,24.2,25.2,26.2,27.2,28.2,29.2,30.2,31.2,32.2,33.2	10,11,15,16,17,18	X,Y	6,7,8,10,11,12,13
	20,21,22,23	NT	NT	19,20,25.2,26.2,28.2,29.2	6,7,8,9,10	7,8,9
	12,13,14,15,16	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 4e - STR Results

DU696A	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
DV4M49	PowerPlex® Fusion (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
DV8TFH	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
E3K2GJ	PowerPlex® Fusion 5C					
	11,15,[16]	[20],[23],24,24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,X / [X,Y]	7,8,[11],[13]
	22,23	2.2,[9],12,[13]	[5],9,11,[14]		[6],7,9,[10]	8,9
	[13],15,16	[10]				
E43JLV	Investigator® 24plex QS (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	12,13,14,16.2	28,30,31	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
E69W68	GlobalFiler™ (Bullet Proof Sentry)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
E97Y4L	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

E9MJQY	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EBDEEX	PowerPlex® Fusion 5C					
	[11],15,[16]	[20,23],24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,[12]	10,12,13,[15]	[13],14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,[16.2]	28,[30,31,33.2]	11,16,17	X,[Y]	7,8,[11],13
	22,[23]	2.2,[9],12,[13]	[5,9],11,[14]		6,7,9,10	8,9
	[13],15,[16]	10				
ECL69U	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	20,26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10	19	18		
ECRKW9	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
EF3UQX	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EG9UJG	PowerPlex® Fusion 5C					
	[11],15,[15],16	20,23,[24]	10,11,[12],14]	14,15,[16,18]	11,[11,13]	
4e	9,[10,12]	10,12,[13,15]	13,14,[14,15]	[16,18],18,20	12,[12,14]	[9,12],12,13
	12,13,[16,19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7,8],11,13
	22,[22,23]	[2.2],9,[12],13	5,[9,11],14		6,[7,9],10	8,9
	13,15,[15,16]	10				
EGGWFQ	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	10,[11],12,14	14,[15],16,18	11,[13]	
4e	9,10,12	10,12,13,15	[13],14,[15]	[16],18,[20]	12,[14]	[9],12,[13]
	12,13,16,19	13,[14],[16.2]	28,30,31,33.2	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	20,26.2,29.2	6,7,9,10	8,9
	[13],15,[16]	10	19	18		

TABLE 2

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

EHCYJE	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
EJ69FW	GlobalFiler™					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10			2	
EJVF3N	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
EMCW9L	GlobalFiler™ (STRmix 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EP84XN	PowerPlex® Fusion 5C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
EQD2YG	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
ETT24A	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

EUJUH 4e	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EV2AZD 4e	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EVG4ML 4e	GlobalFiler™ (STRmix 2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EX7B8H 4e	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
EX7DTF 4e	GlobalFiler™					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[11],[13]
	22,23			[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	[10]			[2]	
EZ6ZLH 4e	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16	11,13	
	9,10,12	10,12,13,15	12,13,14,15	16,17,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
F3EJ2E 4e	PowerPlex® 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

F636NB	GlobalFiler™					
	11,15,[16]	[20],23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,[12],13,15	[13],14,[15]	16,18,[20]	12,[14]	9,12,[13]
	12,[13],16,19	13,[14],[16.2]	28,30,31,33.2	[11],16,[17]	X,[Y]	7,8,11,13
	22,[23]			20,26.2,29.2	6,7,9,[10]	8,9
	[13],15,16	10			2	
FBED97	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FCHRCH	PowerPlex® 21					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
FF6XZT	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
FF7ALJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FHYYP	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FJXW3C	PowerPlex® Fusion 6C					
	11,15,16	23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	12,13,15	14,15	16,18,20	12,14	9,12,13
	13,16,19	13	28,30,31,33.2	11,16,17	X	7,8
	22,23	2.2,12	5,9,11	20,26.2,29.2	6,7,9	8,9
	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 4e - STR Results

FJZBJQ	GlobalFiler™					
	11,15,[16]	[20],23,24	10,[11],12,14	14,15,16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10			2	
FKQWX3	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
FL996T	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FLJTG6	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
FRY8PM	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
FT99LU	GlobalFiler™					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	9,12,13
	12,13,[16],[19]	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
FUBUJV	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

FW7ANQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FX3PWF	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
FXTLRH	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
FYBFTR	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FZ8MEH	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
FZ9NXV	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,14,[16.2]	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,[10]	8,9
	13,15,16	10	N/A	N/A	2	
G3KCDJ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,13**,14	14,15,16,18	11,12**,13	
4e	9,10,11**,12	10,11**,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,15.2**,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

G497ZG	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
G7YBMM	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
G8QEE9	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
GfJMWE	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
GG79BA	GlobalFiler™ (STRmix 2.5v)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
GJ4FRT	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,16	10			2	
GJV33Q	GlobalFiler™ (STRmix v 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

GJWMHJ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
GKC74X	PowerPlex® Fusion (STRmix 2.7)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
GKC9QG	GlobalFiler™ (STRmix)					
	11,15,[16]	[20],[23],24	10,[11],12,14	[14],15,16,18	11,[13]	
4e	9,10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10			2	
GKK86P	Investigator® 24plex (STRmix)					
	15,16	20,23,24	10,11	14,15	11,13	
4e	9,12	10,12	13,14,15	18	12,14	9,12,13
	12,13,16,19	13,14,16.2	30	16	X,Y	8,11,13
	22,23			20,29.2	6,7,10	8,9
	13,15	10				
GM3CH3	GlobalFiler™ (Bulletproof Sentry)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
GNPNQZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
GP8Z2Y	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	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 4e - STR Results

GQG7ZL	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	9,10,12	[10],[12],13,15	[13],14,[15]	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	20,26.2,29.2	[6],7,9,[10]	8,9
	[13],15,[16]	10	19	18		
GQKP6B	PowerPlex® Fusion 6C					
	11 ^ #	24 ^ #	14 ^ #	16 ^ #	13 ^ #	
4e	10,12#	13 ^ #	NR#	NR#	NR#	9 ^ #
	NR	13 ^ #	28 ^ #	11 ^ #	NR#	8 ^ #
	NR#	2.2,12	11 ^ #	26.2 ^ #	NR#	NR#
	16 ^ #	NR	NR	NR		
GRRG4W	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
GTGYQQ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
GTLLMQ	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
GWRNPU	Investigator® 24plex (STRmix)					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	13,14,16.2	[28],30,[31],33.2	[11],16,[17]	X,[Y]	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10				
GWY77C	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

GYB4WV	GlobalFiler™ (STRmix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	-
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	-	-	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	-	-	2	
GYVAK8	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
GZJYZR	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
H4RT43	Investigator® 24plex (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
H97HR7	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
HCD39Y	GlobalFiler™					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,23			[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10			2	
HCF9QZ	PowerPlex® Fusion 6C (STRmix v 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	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 4e - STR Results

HENAPR	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
HFVEYN	GlobalFiler™ (STRmix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	not tested
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	not tested	not tested	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	not tested	not tested	2	
HGJHFF	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
HHD9K9	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12,[13]	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,[15.2],16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
HJBJFB	GlobalFiler™					
	[11],15,[16]	20,23,24	10,11,12,14	14,15,16,18	11,[13],[14]	
4e	9,[10],[12]	10,12,13,15	[13],14,[15]	[16],18,[20]	12,[14]	[9],12,[13]
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,[Y]	7,8,11,13
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	[13],15,[16]	10			2	
HJGKPH	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
HK8BTQ	GlobalFiler™ (STRmix)					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,[13]	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	[13],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 4e - STR Results

HKQKX7	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
HLQ6VC	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	11,12,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
HNQA3C	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
HTGJBP	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
HTGLX9	PowerPlex® 21					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
HXFZMJ	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
HZCCY6	GlobalFiler™ (STRmix™)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

HZGHTL	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
J38Y2L	GlobalFiler™					
	11,15,[16]	20,23,24	10,11,12,14	14,[15],16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,[14,16.2]	28,30,31,[33.2]	11,16,17	X,Y	7,8,[11,13]
	22,23			20,26.2,29.2	[6],7,9,10	8,9
	13,15,16	10			2	
JANGBM	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JBER2F	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JBLEPU	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
JBYJWL	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JEWNAJ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

JFMPAF	PowerPlex® 21 (STRmix v2.8.0)					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
JFVK8V	PowerPlex® Fusion (STRMIX V2.7)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
JFYMUZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
JHUK3D	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JJR8F	FlexPlex27					
4e						
JKR4MY	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
JLTZB2	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,[27.2],29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

JNC92N	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JP7WL6	Investigator® 24plex (STRMIX)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
JQ2BD4	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JV3QAC	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
JX2YLV	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
JXGJCE	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	13,15,16	10			2	
JXK8QC	PowerPlex® ESX 16 Fast					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18		
4e		[10],[12],13,15	13,14,15	16,18,[20]		9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	
	22,23				[6],7,9,[10]	
	[13],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 4e - STR Results

JXKKKD	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
K3BFR3	PowerPlex® Fusion 6C (STRmix)					
	11,15	[20],[23],24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	[13],14,15	[16],18,[20]	12,[14]	[9],12,[13]
	12,13,16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,11,[13]
	22,[23]	2.2,9,12,[13]	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	[13],15,[16]	10	19	18	NID	
K4YGCL	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
K6JDHY	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
K8H39K	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
K92TNK	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
KB8A8A	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

KBYYQX	PowerPlex® Fusion 6C (STRmix)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
KCLKX2	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
KG2WCV	PowerPlex® Fusion (STRmix v2.7)					
	11,15	24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16	INC				
KHVCBT	GlobalFiler™					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[11],[13]
	22,23			[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10			2	
KJCPCP	GlobalFiler™ (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
KMENRN	PowerPlex® Fusion 6C (STRmix)					
	11,15	24	10,12,14	14,16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12,13
	13,16,19	13	28,31	11,17	X,Y	7,8
	22,23	2.2,9,12	5,9,11	26.2,29.2	7,9	8,9
	15,16					
KRYXQL	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

KTCGMC	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
KVWWMQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
KWUMBY	Verifiler Plus					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	10,11,[12],[13]
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]	[2.2],9,[12],13	5,[9],[11],14		6,[7],[9],10	8,9
	13,15,[16]				2	
KX4WN4	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
L4N6UF	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
L4NXGA	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NT
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NT	NT	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NT	NT	2	
L6LL2B	GlobalFiler™ (STRmix 2.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

L7GFAV	PowerPlex® Fusion (STRmix 2.7)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
L7UB99	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
L87K48	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
L8RE9B	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
L8WQ3K	Investigator® 24plex (STRMix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,19,20	11,12,13,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
L9JKE4	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LBAGCA	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

LBAN6M	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LDA92E	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LDCLFH	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LDDEFB	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LE2NVX	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
LE7CJA	GlobalFiler™					
	11,15,16	20,23,[24]	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,16	10			2	
LH2UFV	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

LJCJL	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LJVHW6	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19			
LKJKD8	PowerPlex® Fusion 6C					
	11,15,16	20,24	10,11,12,14	14,16,18	11,13	
4e	9,10,12	10,12,13,15	14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LKKCCF	PowerPlex® Fusion 6C (STRMix)					
	11,15	24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LL3VFR	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LMUTT6	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LPFP7X	Investigator® 24plex QS (strmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

LQ7EB6	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LQADPT	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
LRL6LF	GlobalFiler™ (STRmix v. 2.6)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
LTQRRF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
LTT684	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
LU8H3R	PowerPlex® Fusion 6C (STRmix 2.8.0)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
LUZCK4	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

LVRDJZ	PowerPlex® Fusion 6C (STRmix 2.6)					
	[11],15,16	20,23,24	10,11,12,14	14,15,16,[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,17	X,[Y]	7,8,11,13
	22,[23]	2.2,9,12,13	5,9,11,14	20,[26.2],[29.2]	6,7,9,10	8,9
	[13],15,[16]	10	19	18		
LX79MQ	Investigator® 24plex QS (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,17,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
LXE8R2	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
LXFX3P	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
M2R8L8	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
M2ZEFA	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	18,19	18		
M6GWKY	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

M7T4TE	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
M7UDU8	GlobalFiler™					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
M973H2	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	10,11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
MBG3UM	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NA
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,14,[16.2]	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NA	NA	20,26.2,29.2	6,7,9,[10]	8,9
	13,15,16	10	NA	NA	2	
MCBULZ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
MCGQNK	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
MCKBFU	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	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 4e - STR Results

MHJE76	Identifiler® Plus (STRmix 2.7)					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
MMJ4LZ	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
MQHPR4	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
MQQRRW	Investigator® 24plex (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11	
4e	9,12	10,12,13,15	12,13,14,15	16,18,20	12,14	9,12,13
	12,13,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2	6,7,9,10	8,9
	13,15,16	10				
MU9Y43	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
MVDEUA	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
MZ4X8K	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

MZPBPB	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
N2AHA7	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
N2TWQA	PowerPlex® 21 (STRmix v2.8)					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
N3PAD3	GlobalFiler™					
	11,15,16	20,23,24	10,11	14,15	11,11	
4e	9,10	12,13,15	13,14,15	16,18	12	12,13
	12,13,16,19	13	30,31,33.2	11,16,17	X,Y	11
	22			20,29.2	6	8
	13,15,16	10			2	
N8J4EA	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.3,29.2	6,7,9,10	8,9
	13,15,16	10			2	
N8YYMH	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
NABJ38	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

NCR4E2	GlobalFiler™ (STRmix v2.5)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
NDZAJP	Investigator® 24plex QS (STRMix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
NG34KZ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
NMXPXM	GlobalFiler™					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	13,14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
NNA4AH	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
NNBW9P	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[11],[13]
	22,23	2.2,[9],12,[13]	[5],9,11,[14]	[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10	19	18		
NNQV4E	GlobalFiler™ (STRmix)					
	11,14,15,16	20,22,23,24	10,11,12,14	14,15,16	11,13	
4e	9,10,12	10,12,13,15	12,13,14	16,17,18,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	8,11,13
	21,22			19,20	6,10	8,9
	13,15,16	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 4e - STR Results

NTZ2PD	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
NUCRNV	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,[13]
	22,23	N/A	N/A	20,26.2,29.2	[6],[7],[9],10	8,9
	13,15,16	10	N/A	N/A	2	
NV34M	Investigator® 24plex QS (STRmix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	10,11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
NW8JL	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,23,24	10,11,12,14	14,15,16,18	10,11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
NWFRH2	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
NY8JAZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
NYXYXN	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

NZY7LF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
NZYH97	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
P2FHA6	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
P2UY4M	PowerPlex® Fusion 6C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],15,16,18	11,[13]	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,[14]	[9],12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]	20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10	19	18		
P2XWHA	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,[Y]	7,8,11,13
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
P369AJ	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
P3KAUF	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

P7KB24	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	N/A	N/A	N/A	
P9LZ26	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,[8],9,10	8,9
	13,15,16	10			2	
PAFNKZ	GlobalFiler™ (STRmix v2.5.11)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
PAXXBF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
PBNY4W	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
PCBN3R	PowerPlex® Fusion 6C					
	[11],15,[16]	[20],23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	[13],14,[15]	[16],18,[20]	12,[14]	[9],12,[13]
	12,13,16,19	13,[14],[16.2]	28,30,31,33.2	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,9,12,13	5,9,11,[14]	20,26.2,29.2	6,[7],[9],10	8,9
	[13],15,16	10	19	18		
PEMYXG	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

PERMMT	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
PGZLB9	GlobalFiler™ (STRmix)					
		20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10		11,15,16	2	
PKHKLP	PowerPlex® Fusion 5C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	[13],14,15	16,18,[20]	12,[14]	9,12,[13]
	12,13,16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	5,9,11,[14]		6,7,9,10	8,9
	[13],15,16	10				
PLKQ36	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
PLTQ2R	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
PM6PWZ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
PMJ4CW	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

PNMZ88	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
PPC4KU	GlobalFiler™					
	11,15,[16]	[20],23,24,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,[20]	12,14	9,12,[13]
	12,[13],16,19	13,13,[14],[16.2]	28,30,31,[33.2]	11,16,17	X,Y	7,8,[11],[13]
	22,23	N/A	N/A	20,26.2,29.2	[6],[7],[9],[10]	8,9
	[13],15,16	[10]	N/A	N/A	2	
PQ6Y3W	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
PTU3ZA	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
PZCNTD	GlobalFiler™ (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	13,14,15,16,18	10,11,13	
4e	8,9,10,12	9,10,11,12,13,15	12,13,14,15	16,17,18,19,20	11,12,13,14	9,12,13
	11,12,13,16,19	13,14,15.2,16.2	28,30,31,32.2,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,20,26.2,29.2	6,10	8,9
	13,14,15,16	10			2	
Q6J32G	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Q733QL	PowerPlex® Fusion 5C					
	[11],15,[16]	[20,23],24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,[12]	10,12,13,15	13,14,[15]	[16],18,[20]	12,[14]	[9],12,[13]
	12,13,16,19	13,[14,16.2]	28,30,31,33.2	11,16,17	X,[Y]	7,8,11,[13]
	22,[23]	2.2,[9,12,13]	5,9,11,14		6,7,9,10	8,9
	[13],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 4e - STR Results

Q743KU	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Q7BK4X	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
Q969LT	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
Q98E39	GlobalFiler™					
	11,15,16	20,23,24	10,11,[12],[14]	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,15	[16],18,20	12,[14]	9,12,13
	12,13,[16],[19]	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,26.2,29.2	6,[7],[9],10	8,9
	13,15,[16]	10			2	
QALAUE	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
QGXH6N	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
QKBBV4	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

QL63YM	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
QLFDCM	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
QM8JQR	PowerPlex® Fusion (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
QN4YYH	GlobalFiler™					
	[11],15,16	20,23,24	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	[X],Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
QQQQRZ	Identifiler®					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
QRVDZK	Investigator® 24plex QS (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
QU2ZNB	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

QVPXWW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10,-			2,-	
QVYBKD	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
QWUAZK	PowerPlex® Fusion 5C					
	11,15,[16]	[20],[23],24	[10],[11],12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	12,13,16,19	13,[14],[16.2]	28,30,31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]	2.2,[9],12,[13]	[5],9,11,[14]		6,7,9,10	8,9
	[13],15,16	10				
QXPQE3	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
QXWU7K	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12	14,15,16,18	11,13	
4e	9,12	10,12,13,15	13,14,15	16,17,18,20	12	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	22			19,20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
R9K9H9	PowerPlex® Fusion 6c (strmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
R9RNY3	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

R9ZBN3	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RAGJDB	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RE2J2W	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
RFRMRH	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
RGXAQW	PowerPlex® Fusion, GlobalFiler™ (GeneMapper® ID-X 1.4)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
RH77R8	PowerPlex® Fusion 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RHRZUQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

RJFZPT	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RMM9D6	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	[11],12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,X,X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	[12],13,15,16	10				
RNNDEE	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
RP6H44	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RRBJ6A	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NOT TESTED
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18	NOT TESTED	
RTKY93	Investigator® 24plex (STRmix)					
	11,15	23,24	11,12,14	16,18	11,13	
4e	10,12	13,15	13,14,15	16,18	12,14	9,12,13
	12,16,19	13	28,31	11,16,17	X,Y	7,8
	22,23			26.2,29.2	6,7,9	8,9
	15,16					
RVF3AW	PowerPlex® 6C (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

RW9L7A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16					
RXCBYR	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
RXV8FX	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
RY7YHM	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
T3TZDM	GlobalFiler™ (STRmix v2.5)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
T3U7YB	PowerPlex® Fusion 5C					
	[11],15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],12	10,12,13,15	13,14,15	[16],18,[20]	12,[14]	[9],12,13
	12,13,16,19	13,14,[16.2]	28,30,31,33.2	11,16,17	X,[Y]	7,8,11,13
	22,[23]	2.2,9,12,[13]	5,9,11,14		6,[7],[9],10	8,9
	[13],15,[16]	10				
T4YLKZ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

T6HU73	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
T7CHNX	PowerPlex® 21					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
T83QKM	Investigator® 24plex (STRmix)					
	11,15,[16]	[20],[23],24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,[Y]	7,8,[11],[13]
	22,23			[20],26.2,29.2	[6],7,9,[10]	8,9
	[13],15,16	10				
TBEABV	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TBK3BC	GlobalFiler™ (STRmix v2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TCE834	GlobalFiler™ (STRmix Version 2.7.0)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TCH4MV	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

TCQXNF	Investigator® 24plex (STRMix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
TD6BGJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TDQFX3	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TFN42F	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
TFVKGC	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
TGE9DY	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
THN7WH	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

TJE7HD	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TLLVW3	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
TM4LG9	PowerPlex® Fusion 5C					
	[10.2],11,15,[16]	[20],[23],24,24	[10],[11],12,14	[14],[15],16,18	11,13	
4e	[9],10,12	[10],[12],13,15	[13],14,15	16,18,[20]	12,14	9,12,[13]
	[12],[13],[15],16,19	13,13,[14],[16.2]	28,[30],31,[33.2]	11,[16],17	X,X,[X,Y]	7,8,[10],[11],[13]
	22,23	2.2,[9],12,[13]	[5],9,11,[14]		[6],7,9,[10]	8,9
	[13],15,16	[10]				
TMFNNE	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
TX7D9T	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
TZ3VKF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
TZMVX2	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[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 4e - STR Results

TZURUH	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12	13,14,15,18	11,13	
4e	9,10,12	10,12,15	12,13,14,15	16,18,19,20	11,12,14	9,12,13
	12,13,16,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			19,20	6,9,10	8,9
	13,15,16	10				
TZWH3L	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
U3QTLJ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
U3WCVM	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
U4GYYP	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
U4RQN8	GlobalFiler™ (STRmix)					
	11,15,16,17	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
U7Z7TR	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

UA44WC	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UAVGP7	PowerPlex® Fusion 6C					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
UAYGPR	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
UBQHNN	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,22,23,24	9,10,11,12,14	13,14,15,16,18	10,11,13	
4e	8,9,10,12	9,10,11,12,13,15	12,13,14,15	16,17,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,15.2,16.2	28,29,30,31,32.2,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	7,8,9
	12,13,14,15,16	10				
UCKPV2	GlobalFiler™					
	11,15,[16]	20,23,24	10,11,12,14	14,15,[16],18	11,13	
4e	9,10,[12]	10,12,13,15	13,14,[15]	[16],18,[20]	12,[14]	9,12,[13]
	12,13,16,19	13,[14],[16.2]	28,30,31,33.2	11,16,17	X,[Y]	7,8,11,13
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	[13],15,[16]	10			2	
UCLWH9	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	NT
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NT	NT	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NT	NT	2	
UD7LWM	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

UDRHJ2	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UFVP4L	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UG7RQK	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UJAFYV	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ULHTK3	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ULL4M2	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UMR7BX	Identifiler® Plus, MiniFiler, LCN ID+					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					

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 4e - STR Results

UMUXA9	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UPMZX9	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y / X,X	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
UPYZZP	GlobalFiler™					
	11,15,[16]	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,[20]	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,[11],[13]
	22,23	N/A	N/A	20,26.2,29.2	6,7,[9],10	8,9
	[13],15,16	10	N/A	N/A	2	
UQFXN9	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UT4HP7	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
UVM7RD	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	Not Tested
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18	Not Tested	
V34DY3	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

V4VEXX	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,[11],12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
V64EP4	PowerPlex® 21					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
V73WYF	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,14,[16.2]	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,[10]	8,9
	13,15,16	10	N/A	N/A	2	
V7HWUW	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	N/A	N/A	N/A	
V8L6MG	Investigator® 24plex QS (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
V8QHEJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VBMLVY	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

VC738Q	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
VCMKLC	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VDNUWW	PowerPlex® Fusion 5C					
	[11,15],15,16	20,23,[24]	10,11,[12,14]	14,15,[16,18]	11,[11,13]	
4e	9,[10,12]	10,12,[13,15]	13,14,[14,15]	[16,18],18,20	12,[12,14]	[9,12],12,13
	12,13,[16,19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7,8],11,13
	22,[22,23]	[2.2],9,[12],13	5,[9,11],14		6,[7,9],10	8,9
	13,15,[15,16]	10				
VECBQJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VFY4CL	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	11,12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
VHWRCG	GlobalFiler™					
	11,15,[16]	20,[23],24	10,[11],12,14	[14],[15],16,18	11,13	
4e	9,10,12	[10],12,13,15	[13],14,[15]	16,18,[20]	12,[14]	9,12,[13]
	[12],[13],16,19	13,[14],[16.2]	28,[30],31,[33.2]	11,16,17	X,[Y]	7,8,[11],[13]
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	[13],15,16	10			2	
VJ3TW8	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

VJE48L	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VJNRAT	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
VJUJK2	PowerPlex® Fusion, GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VJWKCB	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VKB2TK	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	11,12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
VKVP7A	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
VKY7JZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

VLQ8JW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,[21],26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
VMVGY2	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
VXPJWV	Investigator® 24plex QS					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]	N/A	N/A	20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10	N/A	N/A	N/A	
VYJCL8	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
W3WQYZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
W47XY8	PowerPlex® Fusion 5C (STRMIX)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
W49N44	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

W4QLDV	Investigator® 24plex QS					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4e	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10				
W4TP47	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
W7K8LE	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,[23]			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
W7NM3L	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
W7QQVH	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
W7TFZE	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
W8DLRY	GlobalFiler™ (STRmix V2.4.06)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

W9MQ4Z	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
W9V6YW	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
WBAPKX	Investigator® 24plex QS (TrueAllele)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
WE289A	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WEEUHY	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
WFLTBZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WG77E6	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

WGYHFX	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,[13]
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WME48N	Investigator® 24plex (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
WNBYRY	PowerPlex® Fusion (Familias v.3.2.2)					
	11,15	24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11		7,9	8,9
	15,16					
WPZEYW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WRNGPM	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
WWTD43	PowerPlex® 21 (STRMIX v2.8)					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
WXL2Q6	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

WXP4C	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WYZ72	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
WZ9EX9	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
WZDQWQ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
X22GQ4	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
X4MERE	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
X4TJN6	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

X7JP2N	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
X8KK2X	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
X9Q6EL	PowerPlex® Fusion 6C (STRmix v2.8)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
XAMRDQ	Investigator® 24plex QS (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
XBUK2R	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
XCHAW6	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
XCKMCT	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

XD3K8P	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
XG22KE	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,15	24,24	12,14	16,18	11,13	
	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XKCFP7	GlobalFiler™ (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
	8,9,10,12	9,10,11,12,13,15	13,14,15	16,18,20	11,12,14	9,12,13
	11,12,13,16,18,19	13,14,15.2,16.2	28,29,30,31,32.2,33.2	11,15,16,17	X,Y	7,8,11,13
	21,22,23			19,19.2,20,26.2,29.2	6,7,10	8,9
	13,14,15,16	10		2		
XN944R	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10		2		
XQ3HLX	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
XTJDXG	Investigator® 24plex					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
XU67D7	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

XWAFFG	PowerPlex® Fusion 6C (STRmix 2.8)					
	11,15	24,24	12,14	16,18	11,13	
4e	10,12	13,15	14,15	16,18	12,14	9,12
	16,19	13,13	28,31	11,17	X,X	7,8
	22,23	2.2,12	9,11	26.2,29.2	7,9	8,9
	15,16					
XY8VHK	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
XZB9RZ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Y3B2WJ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Y4ARG7	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Y4MTT7	PowerPlex® Fusion 5C					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,18,19	13,14,16.2	28,30,31	11,16,17	X,X / X,Y	7,8,11
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
Y7P6FT	Investigator® 24plex					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,[17]	X,[Y]	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

Y9XMTJ	GlobalFiler™ (STRmix v2.5)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	NR	NR	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	NR	NR	2	
YAWPZ2	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
YE39FZ	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	not tested
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18	not tested	
YJTK9B	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
YJW6YX	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
YKQD8V	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
YPLMEU	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					

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 4e - STR Results

YQ7AGB	Investigator® 24plex (STRmix)					
	11,14,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	8,9
	13,14,15,16	10				
YVP4WA	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
YVTNZ6	PowerPlex® Fusion 5C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,X / X,Y	7,8,11,[12],13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	10				
YZM498	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Z2BWL3	Investigator® 24plex QS					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	n/a
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	n/a	n/a	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	n/a	n/a	n/a	
Z2RXJX	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
Z4NCHZ	GlobalFiler™ (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

Z9B2QX	PowerPlex® 21					
	11,15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4e	9,10,12	10,12,13,15		16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
ZB2YRW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ZFZ9HQ	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,[13]	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,[14]	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	7,8,11,13
	22,[23]			20,[26.2],[29.2]	6,7,9,10	8,9
	13,15,16	10			2	
ZGK6MH	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	N/A
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,[11],13
	22,23	N/A	N/A	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	N/A	N/A	2	
ZKDTLQ	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		
ZL4YZW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ZLDABF	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

ZLZJJP	PowerPlex® Fusion (STRMix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16	INC				
ZTUWVJ	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,13,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
ZUAYZW	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ZW26PN	Identifiler® Plus					
		20,23,24		14,15,16,18	11,13	
4e	9,10,12	10,12,13,15			12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2		X,X,Y	7,8,11,13
	22,23				6,7,9,10	8,9
	13,15,16					
ZWUZQD	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10			2	
ZXMYXJ	Investigator® 24plex (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,12,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,19,20	12,14	9,11,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	21,22,23			20,26.2,29.2	6,7,10,9	8,9
	13,15,16	10				
ZXMZL3	GlobalFiler™					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	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 4e - STR Results

ZXNNA9	Investigator® 24plex QS (STRmix)					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23			20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10				
ZZPGPU	PowerPlex® Fusion 6C					
	11,15,16	20,23,24	10,11,12,14	14,15,16,18	11,13	
4e	9,10,12	10,12,13,15	13,14,15	16,18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	11,16,17	X,Y	7,8,11,13
	22,23	2.2,9,12,13	5,9,11,14	20,26.2,29.2	6,7,9,10	8,9
	13,15,16	10	19	18		

TABLE 2

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

23TXPF	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
24UDAX	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
26YV8M	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,(26.2)	6,10	8,9
	13,15	10	19	18		
28VA42	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
28VVEZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11,14	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	7,11,13
	22	9,13	5,9,11,14	20,26.2	6,10	8,9
	13,15	10	19	18		
28XC6K	PowerPlex® Fusion (STRmix V2.7.0)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
28YR9R	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

2A4V62	GlobalFiler™ (STRmix v 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
2CFWFK	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
2F6QMU	GlobalFiler™ (STRmix 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
2GX6UC	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
2HAK6C	GlobalFiler™ (STRmix V2.4.06)					
	15,16	20,23	10,11	14,15	11,11	-
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	-	-	20,20	6,10	8,9
	13,15	10	-	-	2	
2HDFVQ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
2KH8M4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

2LCE6Z	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
2QVVXV	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
2THHG2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
2VWYGE	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
2WXYLY	GlobalFiler™ (STRmix 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
2X7NWH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
2ZFHPU	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12],[14]	14,15,[16],[18]	11,[13]	
4sp	9,[10],[12]	10,12,[13],[15]	13,14,[15]	[16],18,20	12,[14]	[9],12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[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 4sp - STR Results

2ZFWGG	Verifiler Plus					
	15,16	20,23	10,11	14,15	11	10,11
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15				2	
32L3VN	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
38GN66	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	28,30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
3A2P2C	PowerPlex® Fusion (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
3A87QG	Investigator® 24plex					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
3B9ZMU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
3DUP6L	PowerPlex® Fusion 6C (STRMIX)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

3G4R8X	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
3HL77E	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
3J6TW9	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
3KU6UT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
3LTCAT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
3NZ8GW	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	Not Tested
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18	Not Tested	
3QDJ4T	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

3QWADC	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
3QYXC	Investigator® 24plex QS (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
3R6Y84	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
3RJXC9	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
3VMR8R	PowerPlex® Fusion (BulletProof)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
43QZDB	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
48DGH3	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

48FM4A	Investigator® 24plex (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15,18	10,11	
4sp	8,9	9,10,11,12	12,13,14	16,17,18,19,20	11,12	11,12,13
	11,12,13,19	13,14,15.2,16.2	29,30,32.2,33.2	11,15,16,17	X,Y	10,11,12,13
	21,22			19,20	5,6,9,10	7,8,9
	12,13,14,15	10				
48VC7W	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
4AQ98H	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
4DB9DP	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
4EZ2ZR	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	[28],30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
4J46PV	GlobalFiler™ (STRmix 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
4KCBTJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

4PAVUM	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
4PTT89	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
4QWLNZ	GlobalFiler™ (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
4sp	8,9	9,10,11,12	12,13,14	17,18,19,20	11,12	11,12,13
	11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,10	8,9
	12,13,14,15	9,10			2	
4RA8CF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
4TJ972	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
4U6F7J	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
4UG4V4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

4W6FWV	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
4W6HGT	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
637Q7F	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
682HGX	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
6B7JPU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
6CMWP7	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
6EC9NC	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

6GNF83	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
6MQGH6	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,12	
4sp	9,12	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,12,13
	22			20	6,10	8,9
	13,15	10			2	
6P3PTX	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
6RCBKP	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
6WAJDZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
6YRXCf	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
738Q2D	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				

TABLE 2

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

Item 4sp - STR Results

744796	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
74LMHY	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
74ZWMT	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
773RRU	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
783Z8L	Identifiler® Plus, MiniFiler					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
78NGT9	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
78R37F	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

7AJ4MP	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
7FEKK4	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
7JWTP6	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11,[13]	NA
4sp	9,9	10,12	13,14	18,20	12,12	[9],12,13
	12,13	14,16.2	30,[31],33.2	16,16	X,Y	11,13
	22,22	NA	NA	20,20	6,10	8,9
	13,15	10	NA	NA	2	
7K7ZPC	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	NA
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	NA	NA	20,20	6,10	8,9
	13,15	10	NA	NA	2	
7N6PCX	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
7TEJYA	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
7WH7XX	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

7WP9TX	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	[12],13,15	10				
7ZFLFT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
829XM7	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
83M4QG	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
86W7DU	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
88RERB	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
8A8X7M	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	

TABLE 2

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

8AR3ZZ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
8CPQX9	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
8L7NBR	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
8N3CBN	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
8TTFRL	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
8VGRTC	GlobalFiler™					
	15,16	20,23	10,11,[12]	14,15	11,11	NA
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	NA	NA	20,20	6,10	8,9
	13,15	10	NA	NA	2	
8XV2FJ	Identifiler®					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					

TABLE 2

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

8XZ393	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
8Y3GDP	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
8YYR9R	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
93EAYV	GlobalFiler™ (STRmix v2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
93U66F	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
96D9N7	Investigator® 24plex QS Kit (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12,14	14,15,16,18	10,11,13	
4sp	8,9,12	10,12,13,15	12,13,14,15	16,18,19,20	11,12,14	9,11,12,13
	11,12,13,19	13,14,15.2,16.2	28,30,31,33.2	11,16,17	X,Y	7,10,11,13
	21,22,23			20,26.2,29.2	6,7,9,10	7,8,9
	13,14,15,16	10				
972DVD	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

98QBYQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
9BCFRG	PowerPlex® Fusion (STRmix v 2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
9BGAKH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
9E34L2	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
9ECLBU	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
9HRV7R	Investigator® 24plex QS, 27 Flexplex					
	15,16	20,23	10,11	14,15	11,11	10,11
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	n/a	5,14	20,20	6,10	8,9
	13,15	10	19	18	n/a	
9J8BYD	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

9KG4CM	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
9L8APR	GlobalFiler™ (STRmix)					
	14,15,16,17	19,20,22,23	9,10,11	13,14,15	10,11,12	
4sp	8,9	9,10,11,12,13	12,13,14	17,18,19,20	11,12,13	11,12,13,14
	11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			18,19,20,21	5,6,9,10	7,8,9
	12,13,14,15,16	10			2	
9M6UX7	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
9PAP2G	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
9QQUY8	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
9TFZJ4	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
9TYRQ3	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

9U8XVQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
9WG4BQ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12,[13],[15]	13,14	18,20	12	12,13
	12,13	14,16.2	30,[31],33.2	16	X,Y	[8],11,13
	22			20	6,10	8,9
	13,15	10			2	
9XYCZZ	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
9Z9FMN	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
A3TMLB	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
A8JVZQ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
A8NXXH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

A9ARZY	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	7,11,13
	22			20	6,10	8,9
	13,15	10			2	
A9R7RM	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
AAY27T	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
AD98YZ	GlobalFiler™					
	15,16	20,23	10,11	14,15,18	11	
4sp	9	10,12	13,14,15	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
ADBCGA	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
ADTANF	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
AENYYP	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

AF4XTZ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
AGGUWJ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
AH3M8Z	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
AKDFNL	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
AL2Y4Z	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
ALR7XL	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
AMZJFM	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

APQPTR	GlobalFiler™ (STRmix V2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
AQ4NCL	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
ATQJ4F	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	
AUEZGN	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
AUJ6HK	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
AWK9XL	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
AYVHDK	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X 1.4)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	

TABLE 2

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

AZZP3J	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
B3VN9M	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12,[15]	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,[7],10	8,9
	13,15	10			2	
B4FTF8	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
B4PWGL	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
B69HP2	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
B86WN7	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
B8XX44	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

BA4BTH	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
BCAX99	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
BDYN3U	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
BE7JP2	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
BEJAKY	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
BEYTX	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
BFR3W6	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

BGE9YH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
BHVMWY	Investigator® 24plex (STRmix V2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
BJXR2	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
BL4NMP	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
BLLDCF	Identifiler® Plus, MiniFiler					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
BP2HT6	GlobalFiler™ (STRmix v2.5)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
BRHCCT	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	[12],13,15	10				

TABLE 2

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

Item 4sp - STR Results

BTEE69	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
BU2JFL	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
BU7DGL	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
BUFCBJ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
BUM3FM	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	[9],12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
BUW8HP	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
BVAQP2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

BW4KZQ	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
BYGUQ6	PowerPlex® Fusion 6C (STRmix v 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
C6CJ6L	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	[9]	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
C79FU4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
CA3VZH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
CCWN99	VeriFiler Plus					
	15,16	20,23	10,11	14,15	11	10,11
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15				2	
CE9HL7	Investigator® 24plex QS (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11,12	13,14,15,16	10,11	
4sp	8,9	9,10,11,12,15	12,13,14,15	16,17,18,19,20	11,12,14	12,13
	11,12,13,19	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	7,10,11,12,13
	21,22			20,26.2,29.2	6,7,9,10	8,9
	12,13,14,15,16	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 4sp - STR Results

CF8P3Q	GlobalFiler™ (STRmix)					
	14,15,16	19,20,23	10,11	13,14,15	10,11	
4sp	9	10,12	13,14	18,20	11,12	12,13
	12,13	14,15.2,16.2	30,33.2	15,16	X,Y	11,13
	21,22			19,20	6,10	8,9
	13,15	9,10			2	
CFAE8N	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
CH8YUU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
CJ29NQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
CJ2MCP	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	NR
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	NR	NR	20	6,10	8,9
	13,15	10	NR	NR	2	
CMVT8V	PowerPlex® 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
CQCKF4	GlobalFiler™ (STRmix v2.5)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

CQDEAV	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
CR92LY	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
CRPKLJ	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
CTGV7H	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
CUNGVD	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
CXMH4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
CYTXUV	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	13,14,16.2	30,31,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

CZW3KW	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
D3PKQB	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
D73HZJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
D9A42J	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,15.2,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
DB74BL	GlobalFiler™ (STRmix)					
	15,16	20,23,24**	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
DEE3C9	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
DGE8J9	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

DGHYMB	PowerPlex® Fusion 6C (STRmix v2.6.2)					
	15,16	20,23,[24]	10,11,[12]	14,15	11	
4sp	9,[12]	10,12,[13],[15]	13,14,[15]	18,20	12,[14]	12,13
	12,13	14,16.2	[28],30,[31],33.2	[11],16	X,Y	11,13
	22,[23]	[2.2],9,13	5,14	20,[26.2]	6,[7],[9],10	8,9
	13,15	10	19	18		
DH79J6	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
DJMHTJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
DLD4HN	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	N/A	
DNAFY9	Investigator® 24plex					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
DPFBCE	PowerPlex® Fusion 5C (STRmix 2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
DPUH2N	GlobalFiler™ (STRmix)					
	14,15,16	19,20,22,23	9,10,11	13,14,15	10,11	NT
4sp	8,9	9,10,11,12,13	12,13,14	17,18,19,20	11,12,13	11,12,13
	11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22,23	NT	NT	19,20,21	5,6,9,10	8,9
	12,13,14,15	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 4sp - STR Results

DU696A	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
DV4M49	PowerPlex® Fusion (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
DV8TFH	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
E3K2GJ	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
E43JLV	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
E69W68	GlobalFiler™ (Bullet Proof Sentry)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
E97Y4L	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

E9MJQY	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
EBDEEX	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	[8],9
	13,15	10				
ECL69U	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
ECRKW9	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
EF3UQX	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
EG9UJG	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
EGGWFQ	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

EHCYJE	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
EJ69FW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
EJVF3N	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
EMCW9L	GlobalFiler™ (STRmix 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
EP84XN	PowerPlex® Fusion 5C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
EQD2YG	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14,[15]	18,20	12,12	12,13
	12,13	14,16.2	[28],30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
ETT4A	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	

TABLE 2

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

EUJUH	GlobalFiler™						
		15,16	20,23	10,11	14,15	11	
	4sp	9	10,12	13,14	18,20	12	12,13
		12,13	14,16.2	30,33.2	16	X,Y	11,13
		22			20	6,10	8,9
	13,15	10			2		
EV2AZD	GlobalFiler™						
		15,16	20,23	10,11	14,15	11	
	4sp	9	10,12	13,14	18,20	12	12,13
		12,13	14,16.2	30,33.2	16	X,Y	11,13
		22			20	6,10	8,9
	13,15	10			2		
EVG4ML	GlobalFiler™ (STRmix 2.4.06)						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22			20,20	6,10	8,9
	13,15	10			2		
EX7B8H	GlobalFiler™						
		15,16	inc	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22			20,20	6,10	8,9
	13,15	10			2		
EX7DTF	GlobalFiler™						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22			20,20	6,10	8,9
	13,15	10			2		
EZ6ZLH	Investigator® 24plex (STRmix)						
		15,16	20,23	10,11	14,15	11	
	4sp	9	10,12	13,14	18,20	12	12,13
		12,13	14,16.2	30,33.2	16	X,Y	11,13
		22			20	6,10	8,9
	13,15	10					
F3EJ2E	PowerPlex® 6C						
		15,16	20,23	10,11	14,15	11	
	4sp	9	10,12	13,14	18,20	12	12,13
		12,13	14,16.2	30,33.2	16	X,Y	11,13
		22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18			

TABLE 2

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

F636NB	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
FBED97	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
FCHRCH	PowerPlex® 21					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
FF6XZT	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
FF7ALJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FHYYP	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FJXW3C	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

FJZBJQ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
FKQWX3	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
FL996T	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FLJTG6	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
FRY8PM	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
FT99LU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FUBUJV	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

FW7ANQ	GlobalFiler™					
	15,16	20,23,[24]	10,11	14,15,[18]	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FX3PWF	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
FXTLRH	Investigator® 24plex (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
4sp	8,9	10,11,12	12,13,14	17,18,19,20	11,12	11,12,13
	11,12,13,19	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,10	8,9
	13,14,15	10				
FYBFTR	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FZ8MEH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
FZ9NXV	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
G3KCDJ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

G497ZG	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
G7YBMM	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
G8QEE9	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
GfJMWE	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
GG79BA	GlobalFiler™ (STRmix 2.5v)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
GJ4FRT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
GJV33Q	GlobalFiler™ (STRmix v 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

GJWMHJ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
GKC74X	PowerPlex® Fusion (STRmix 2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
GKC9QG	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
GKK86P	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
GM3CH3	GlobalFiler™ (Bulletproof Sentry)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
GNPNQZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
GP8Z2Y	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				

TABLE 2

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

Item 4sp - STR Results

GQG7ZL	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
GQKP6B	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
GRRG4W	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
GTGYQQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
GTLLMQ	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
GWRNPU	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
GWY77C	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

GYB4WV	GlobalFiler™ (STRmix v2.4.06)					
	15,16	20,23	10,11	14,15	11,11	-
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	-	-	20,20	6,10	8,9
	13,15	10	-	-	2	
GYVAK8	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
GZJYZR	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
H4RT43	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
H97HR7	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
HCD39Y	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
HCF9QZ	PowerPlex® Fusion 6C (STRmix v 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

HENAPR	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
HFVEYN	GlobalFiler™ (STRmix v2.4.06)					
	15,16	20,23	10,11	14,15	11,11	not tested
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	not tested	not tested	20,20	6,10	8,9
	13,15	10	not tested	not tested	2	
HGJHFF	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
HHD9K9	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
HJBJFB	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
HJGKPH	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
HK8BTQ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

HKQKX7	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,[9],10	8,9
	13,15					
HLQ6VC	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
HNQA3C	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	18,19	18		
HTGJBP	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
HTGLX9	PowerPlex® 21					
	15,16	20,23		14,15,16,18	11	10,11,12,13
4sp	9,12	10,12,13,15		18,20	12	12,13
	12,13,19	13,14,16.2	30,31,33.2		X,Y	8,11,13
	22	9,12,13	5,11,14		6,7,9,10	8,9
	13,15,16					
HXFZMJ	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
HZCCY6	GlobalFiler™ (STRmix™)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

HZGHTL	GlobalFiler™						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22		20,20	6,10	8,9	
	13,15	10			2		
J38Y2L	GlobalFiler™						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22		20,20	6,10	8,9	
	13,15	10			2		
JANGBM	GlobalFiler™ (STRmix)						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22		20,20	6,10	8,9	
	13,15	10			2		
JBER2F	GlobalFiler™						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22		20,20	6,10	8,9	
	13,15	10			2		
JBLEPU	Investigator® 24plex (STRmix)						
		11,14,15,16	19,20,22,23	10,11	13,14,15,16	10,11	
	4sp	8,9	9,10,11,12,15	12,13,14	17,18,19,20	11,12	11,12,13
		11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
		21,22		19,20,21	6,9,10	8,9	
	12,13,14,15	10					
JBYJWL	GlobalFiler™ (STRmix)						
		15,16	20,23	10,11	14,15	11,11	
	4sp	9,9	10,12	13,14	18,20	12,12	12,13
		12,13	14,16.2	30,33.2	16,16	X,Y	11,13
		22,22		20,20	6,10	8,9	
	13,15	10			2		
JEWNAJ	PowerPlex® Fusion 6C (STRmix)						
		15,16	20,23	10,11	14,15	11	
	4sp	9	10,12	13,14	18,20	12	12,13
		12,13	14,16.2	30,33.2	16	X,Y	11,13
		22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18			

TABLE 2

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

JFMPAF	PowerPlex® 21 (STRmix v2.8.0)					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
JFVK8V	PowerPlex® Fusion (STRMIX V2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
JFYMUZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
JHUK3D	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
JJR8F	FlexPlex27					
	15,16	20,23	10,11	14,15	11,11	10,11
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	5,14	20,20	6,10	8,9
	13,15	10	19	18	N/A	
JKR4MY	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
JLTZB2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

JNC92N	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
JP7WL6	Investigator® 24plex (STRMIX)					
	14,15,16	19,20,22,23	10,11	13,14,15	11	
4sp	9	9,10,11,12,13	12,13,14	17,18,19,20	11,12	11,12,13
	11,12,13,19	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,9,10	8,9
	12,13,14,15	10				
JQ2BD4	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
JV3QAC	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
JX2YLV	Investigator® 24plex (STRmix)					
	11,14,15,16	19,20,22,23,24	10,11	13,14,15	10,11	
4sp	8,9	10,11,12,13	12,13,14	18,19,20	11,12	11,12,13
	12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,9,10	8,9
	12,13,14,15	10				
JXGJCE	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
JXK8QC	PowerPlex® ESX 16 Fast					
	15,16	20,23	10,11	14,15		
4sp		10,12	13,14	18,20		12,13
	12,13	14,16.2	30,33.2	16	X,Y	
	22				6,10	
	13,15					

TABLE 2

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

JXKKKD	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
K3BFR3	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18	NID	
K4YGCL	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
K6JDHY	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
K8H39K	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
K92TNK	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
KB8A8A	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

KBYYQX	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
KCLKX2	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
KG2WCV	PowerPlex® Fusion (STRmix v2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
KHVCBT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
KJCPCP	GlobalFiler™ (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
KMENRN	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
KRYXQL	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

KTCGMC	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
KVWWMQ	GlobalFiler™					
	15,16	20,23	10,11,12	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20,26.2	6,9,10	8,9
	13,15	10			2	
KWUMBY	Verifiler Plus					
	15,16	20,23	10,11	14,15	11	10,11
4sp	9,[12]	10,12	13,14	[16],18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15				2	
KX4WN4	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
L4N6UF	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
L4NXGA	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	NT
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	NT	NT	20,20	6,10	8,9
	13,15	10	NT	NT	2	
L6LL2B	GlobalFiler™ (STRmix 2.4)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

L7GFAV	PowerPlex® Fusion (STRmix 2.7)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,32.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
L7UB99	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23,24	10,11,12,14	14,15,16	11	
4sp	9	10,12,13	13,14	18,20	12	12,13
	12,13	14,16.2	30,31,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,9,10	8,9
	13,15	10	19	18		
L87K48	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
L8RE9B	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
L8WQ3K	Investigator® 24plex (STRMix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
4sp	8,9	9,10,11,12	12,13,14	17,18,19,20	11,12	11,12,13
	11,12,13	13,14,15.2,16.2	28,29,30,32.2,33.2	11,15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,9,10	7,8,9
	12,13,14,15	10				
L9JKE4	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
LBAGCA	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

LBAN6M	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
LDA92E	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LDCLFH	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
LDDEFB	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LE2NVX	Investigator® 24plex (STRmix)					
	14,15,16	20,22,23	10,11	13,14,15	10,11	
4sp	9	10,11,12	12,13,14	18,20	11,12	11,12,13
	12,13	13,14,15.2,16.2	28,29,30,32.2,33.2	15,16,17	X,Y	11,13
	21,22			19,20,21	6,10	8,9
	12,13,15	10				
LE7CJA	GlobalFiler™					
	15,16	20,23,[24]	10,11,[14]	14,15,[18]	11,[13]	
4sp	9,[12]	10,12,[13],[15]	13,14	18,20	12,[14]	[9],12,13
	12,13,[19]	14,16.2	[28],30,33.2	16	X,Y	[7],11,13
	22			20,[29.2]	6,10	8,9
	13,15	10			2	
LH2UFV	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

LJCJXL	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
LJVHW6	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LKJKD8	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LKKCCF	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
LL3VFR	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
LMUTT6	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12,14	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,12,13
	22			20	6,10	8,9
	13,15	10			2	
LPFP7X	Investigator® 24plex QS (strmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

LQ7EB6	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LQADPT	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
LRL6LF	GlobalFiler™ (STRmix v. 2.6)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
LTQRRF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
LTT684	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
LU8H3R	PowerPlex® Fusion 6C (STRmix 2.8.0)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
LUZCK4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

LVRDJZ	PowerPlex® Fusion 6C (STRmix 2.6)					
	[11],15,16	20,23,[24]	10,11,[14]	14,15	11,[13]	
4sp	9,[12]	10,12	13,14,[15]	18,20	12	12,13
	12,13,[16],[19]	14,16.2	[28],30,33.2	[11],16	X,Y	[7],11,13
	22	[2.2],9,13	5,[11],14	20,[26.2]	6,[9],10	8,9
	13,15	10	19	18		
LX79MQ	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
LXE8R2	Investigator® 24plex (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
4sp	9,10	10,11,12	12,13,14	17,18,19,20	11,12	11,12,13
	11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	10,11,12,13
	21,22			19,20,26.2	6,9,10	8,9
	12,13,14,15	10				
LXFX3P	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
M2R8L8	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
M2ZEFA	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
M6GWKY	PowerPlex® Fusion, GlobalFiler™ (GeneMapper ID-X)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	

TABLE 2

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

M7T4TE	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
M7UDU8	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
M973H2	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
MBG3UM	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	NA
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	NA	NA	20,20	6,10	8,9
	13,15	10	NA	NA	2	
MCBULZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
MCGQNK	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
MCKBFU	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				

TABLE 2

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

Item 4sp - STR Results

MHJE76	Identifiler® Plus (STRmix 2.7)					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
MMJ4LZ	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
MQHPR4	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	
MQQRRW	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
MU9Y43	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
MVDEUA	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
MZ4X8K	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

MZPBPB	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
N2AHA7	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
N2TWQA	PowerPlex® 21 (STRmix v2.8)					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
N3PAD3	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
N8J4EA	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
N8YYMH	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
NABJ38	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

NCR4E2	GlobalFiler™ (STRmix v2.5)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
NDZAJP	Investigator® 24plex QS (STRMix v2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
NG34KZ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
NMXPXM	GlobalFiler™					
	15,16	20,23	10,11,[14]	14,15	11	
4sp	9	10,12,[13]	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
NNA4AH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
NNBW9P	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
NNQV4E	GlobalFiler™ (STRmix)					
	14,15,16	19,20,22,23,24	10,11	13,14,15	10,11	
4sp	8,9	9,10,11,12	12,13,14,15	17,18,19,20	11,12	11,12,13
	11,12,13	14,15.2,16.2	30,32.2,33.2	15,16,17	X,Y	11,13
	21,22			19,20	6,10	8,9
	13,14,15	10			2	

TABLE 2

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

NTZ2PD	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
NUCRNV	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
NV34M	Investigator® 24plex QS (STRmix v2.4.06)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
NW8JL	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
NWFRH2	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
NY8JAZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
NYXYXN	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

NZY7LF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
NZYH97	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
P2FHA6	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
P2UY4M	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
P2XWHA	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[12]	14,15	11	
4sp	9	10,12	13,14	18,20	12	[9],12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22,[23]			20	6,10	8,9
	13,15	10			2	
P369AJ	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
P3KAUF	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

P7KB24	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	N/A	
P9LZ26	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
PAFNKZ	GlobalFiler™ (STRmix v2.5.11)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
PAXXBF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
PBNY4W	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
PCBN3R	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,---	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
PEMYXG	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

PERMMT	Investigator® 24plex QS (STRmix)					
	14,15,16	20,22,23	10,11	13,14,15	10,11	
4sp	9	10,11,12,13	12,13,14	17,18,19,20	11,12	11,12,13
	12,13	13,14,15.2,16.2	29,30,32.2,33.2	16,17	X,Y	11,12,13
	21,22			19,20	6,9,10	8,9
	13,14,15,16	10				
PGZLB9	GlobalFiler™ (STRmix)					
		20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10		15,16	2	
PKHKLP	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
PLKQ36	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
PLTQ2R	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
PM6PWZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
PMJ4CW	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

PNMZ88	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
PPC4KU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
PQ6Y3W	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	9,12,13
	12,13	14,16.2	28,30,33.2	16	X,Y	11,13
	22	2.2,9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
PTU3ZA	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
PZCNTD	GlobalFiler™ (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
4sp	8,9	9,10,11,12	12,13,14	17,18,20	11,12	12,13
	11,12,13	13,14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	11,13
	21,22			19,19.2,20	6,10	8,9
	13,14,15	10			2	
Q6J32G	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
Q733QL	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

Q743KU	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
Q7BK4X	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
Q969LT	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
Q98E39	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11	14,15,[16],[18]	11	
4sp	9,[12]	10,12,[15]	13,14,[15]	[16],18,20	12,[14]	12,13
	12,13,[16]	14,16.2	30,33.2	[11],16	X,Y	11,13
	22			20,[26.2]	6,[9],10	8,9
	13,15	10			2	
QALAUE	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
QGXH6N	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
QKBBV4	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

QL63YM	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
QLFDCM	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
QM8JQR	PowerPlex® Fusion (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
QN4YYH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
QQQQRZ	Identifiler®					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,(9),10	8,9
	13,15					
QRVDZK	Investigator® 24plex QS (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
QU2ZNB	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

QVPXWW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10,-			2,-	
QVYBKD	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
QWUAZK	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
QXPQE3	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	
QXWU7K	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
R9K9H9	PowerPlex® Fusion 6c (strmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
R9RNY3	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

R9ZBN3	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RAGJDB	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RE2J2W	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
RFRMRH	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
RGXAQW	PowerPlex® Fusion, GlobalFiler™ (GeneMapper® ID-X 1.4)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	
RH77R8	PowerPlex® Fusion 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RHRZUQ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

RJFZPT	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RMM9D6	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15,[16]	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	[12],13,15	10				
RNNDEE	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
RP6H44	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RRBJ6A	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	NOT TESTED
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18	NOT TESTED	
RTKY93	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
RVF3AW	PowerPlex® 6C (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

RW9L7A	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15					
RXCBYR	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
RXV8FX	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
RY7YHM	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
T3TZDM	GlobalFiler™ (STRmix v2.5)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
T3U7YB	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
T4YLKZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

T6HU73	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,[14]	14,15,[16],[18]	11,[13]	
4sp	9	10,12	13,14	[16],18,20	12,[14]	12,13
	12,13,[16],[19]	[13],14,16.2	[28],30,[31],33.2	[11],16	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,10	8,9
	13,15	10			2	
T7CHNX	PowerPlex® 21					
	15,16	20,23,24		14,15,16,18	11,13	10,11,12,13
4sp	9,12	10,12,13,15		18,20	12	12,13
	12,13,16,19	13,14,16.2	28,30,33.2		X,Y	8,11,13
	22,23	2.2,9,12,13	5,9,11,14		6,7,9,10	8,9
	13,15,16					
T83QKM	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
TBEABV	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
TBK3BC	GlobalFiler™ (STRmix v2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
TCE834	GlobalFiler™ (STRmix Version 2.7.0)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
TCH4MV	PowerPlex® Fusion 6C					
	[11],15,16	20,23	10,11,[12],[14]	14,15,[18]	11	
4sp	9	10,12,[15]	13,14	[16],18,20	12	[9],12,13
	12,13,[16],[19]	[13],14,16.2	30,[31],33.2	16	X,Y	[7],11,13
	22,[23]	[2.2],9,13	5,[9],[11],14	20	6,[9],10	8,9
	13,15,[16]	10	19	18		

TABLE 2

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

TCQXNF	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
TD6BGJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
TDQFX3	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
TFN42F	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
TFVKGC	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
TGE9DY	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
THN7WH	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

TJE7HD	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
TLLVW3	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
TM4LG9	PowerPlex® Fusion 5C					
	15,16,[17]	20,23	10,11	14,15,[16]	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	[12],13,15	10				
TMFNNE	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
TX7D9T	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
TZ3VKF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
TZMVX2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

TZURUH	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
TZWH3L	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
U3QTLJ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
U3WCVM	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
U4GYYP	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
U4RQN8	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
U7Z7TR	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

UA44WC	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
UAVGP7	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
UAYGPR	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
UBQHNN	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
UCKPV2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
UCLWH9	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	NT
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	NT	NT	20	6,10	8,9
	13,15	10	NT	NT	2	
UD7LWM	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

UDRHJ2	GlobalFiler™					
	[11],15,16	20,23,[24]	10,11,12,14	14,15,[16],[18]	11,[13]	
4sp	9,[10],[12]	10,12,13,15	13,14,[15]	16,18,20	12,[14]	[9],12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	[11],16,[17]	X,Y	[7],[8],11,13
	22,[23]			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15,[16]	10			2	
UFVP4L	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UG7RQK	GlobalFiler™ (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UJAFYV	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
ULHTK3	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
ULL4M2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UMR7BX	Identifiler® Plus, MiniFiler, LCN ID+					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					

TABLE 2

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

UMUXA9	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UPMZX9	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
UPYZZP	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
UQFXN9	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UT4HP7	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
UVM7RD	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	Not Tested
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18	Not Tested	
V34DY3	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

V4VEXX	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
V64EP4	PowerPlex® 21					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
V73WYF	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
V7HWUW	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	N/A	
V8L6MG	Investigator® 24plex QS (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
V8QHEJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
VBMLVY	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

VC738Q	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
VCMKLC	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
VDNUWW	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
VECBQJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
VFY4CL	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
VHWRCG	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
VJ3TW8	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

VJE48L	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
VJNRAT	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
VJUJK2	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10			2	
VJWKCB	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
VKB2TK	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
VKVP7A	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
VKY7JZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

VLQ8JW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
VMVGY2	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
VXPJWV	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	N/A	
VYJCL8	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
W3WQYZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
W47XY8	PowerPlex® Fusion 5C (STRMIX)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
W49N44	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

W4QLDV	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
W4TP47	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
W7K8LE	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
W7NM3L	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
W7QQVH	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
W7TFZE	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
W8DLRY	GlobalFiler™ (STRmix V2.4.06)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

W9MQ4Z	Identifiler® Plus, PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
W9V6YW	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
WBAPKX	Investigator® 24plex QS (TrueAllele)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
WE289A	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
WEEUHY	PowerPlex® Fusion 6C (STRmix)					
	11,15,16	20,23,24	10,11,14	14,15,16,18	11	
4sp	9,10,12	10,12,13,15	13,14,15	18,20	12,14	9,12,13
	12,13,16,19	13,14,16.2	28,30,31,33.2	16	X,Y	7,11,13
	22,23	2.2,9,13	5,9,14	20,26.2	6,7,10	8,9
	13,15,16	10	19	18		
WFLTBZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
WG77E6	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	

TABLE 2

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

WGYHFX	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
WME48N	Investigator® 24plex (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
WNBYRY	PowerPlex® Fusion (Familias v.3.2.2)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
WPZEYW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
WRNGPM	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
WWTD43	PowerPlex® 21 (STRMIX v2.8)					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
WXL2Q6	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

WXP4C	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
WYZ72	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
WZ9EX9	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
WZDQWQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
X22GQ4	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
X4MERE	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
X4TJN6	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

X7JP2N	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
X8KK2X	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
X9Q6EL	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
XAMRDQ	Investigator® 24plex QS (STRMix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
XBUK2R	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
XCHAW6	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
XCKMCT	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

XD3K8P	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11	
	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
XG22KE	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	20,23	10,11	14,15	11,11	
	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
XKCFP7	GlobalFiler™ (STRmix)					
	14,15,16	19,20,22,23	10,11	13,14,15	10,11	
	8,9	10,11,12	12,13,14	18,20	11,12	12,13
	11,12,13	14,15.2,16.2	29,30,32.2,33.2	15,16,17	X,Y	11,13
	21,22			19,20	6,10	8,9
	13,14,15	9,10		2		
XN944R	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10		2		
XQ3HLX	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11	
	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	10				
XTJDYG	Investigator® 24plex					
	15,16	20,23	10,11	14,15	11,11	
	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
XU67D7	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10		2		

TABLE 2

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

XWAFFG	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		
XY8VHK	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
XZB9RZ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
Y3B2WJ	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
Y4ARG7	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
Y4MTT7	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15	10				
Y7P6FT	Investigator® 24plex					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				

TABLE 2

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

Item 4sp - STR Results

Y9XMTJ	GlobalFiler™ (STRmix v2.5)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	NR	NR	20,20	6,10	8,9
	13,15	10	NR	NR	2	
YAWPZ2	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
YE39FZ	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	not tested
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18	not tested	
YJTK9B	GlobalFiler™					
	15,16	20,23,24	10,11,12	14,15,16,18	11	
4sp	9,12	10,12,13	13,14	18,20	12,14	12,13
	12,13,16	14,16.2	28,30,33.2	16	X,Y	11,13
	22,23			20,29.2	6,9,10	8,9
	13,15,16	10			2	
YJW6YX	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
YKQD8V	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
YPLMEU	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					

TABLE 2

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

YQ7AGB	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
YVP4WA	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
YVTNZ6	PowerPlex® Fusion 5C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	[12],13,15	10				
YZM498	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
Z2BWL3	Investigator® 24plex QS					
	15,16	20,23	10,11	14,15	11,11	n/a
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	n/a	n/a	20,20	6,10	8,9
	13,15	10	n/a	n/a	n/a	
Z2RXJX	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
Z4NCHZ	GlobalFiler™ (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

Z9B2QX	PowerPlex® 21					
	15,16	20,23		14,15	11,11	10,11
4sp	9,9	10,12		18,20	12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22	9,13	5,14		6,10	8,9
	13,15					
ZB2YRW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
ZFZ9HQ	GlobalFiler™					
	[11],15,16	20,23	10,11	14,15,[16]	11,[13]	
4sp	9,[10],[12]	10,12,[13]	13,14,[15]	18,20	12,[14]	[9],12,13
	12,13,[16],[19]	14,16.2	[28],30,[31],33.2	[11],16	X,Y	[8],11,13
	22			20,[26.2],[29.2]	6,[7],[9],10	8,9
	13,15	10			2	
ZGK6MH	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	N/A
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	N/A	N/A	20,20	6,10	8,9
	13,15	10	N/A	N/A	2	
ZKDTLQ	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		
ZL4YZW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
ZLDABF	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14	20	6,10	8,9
	13,15	10	19	18		

TABLE 2

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

ZLZJJP	PowerPlex® Fusion (STRMix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22	9,13	5,14		6,10	8,9
	13,15	INC				
ZTUWVJ	Investigator® 24plex (STRmix)					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10				
ZUAYZW	GlobalFiler™					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22			20,20	6,10	8,9
	13,15	10			2	
ZW26PN	Identifiler® Plus					
		20,23		14,15	11,11	
4sp	9,9	10,12			12,12	12,13
	12,13	14,16.2	30,33.2		X,Y	11,13
	22,22				6,10	8,9
	13,15					
ZWUZQD	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	
ZXMXJY	Investigator® 24plex (STRmix)					
	14,15,16	19,20,23	10,11,14	13,14,15,16	10,11	
4sp	9	9,10,12,13	12,13,14	17,18,19,20	11,12	11,12,13
	12,13,16	13,14,15.2,16.2	29,30,33.2	11,15,16,17	X,Y	10,11,12,13
	21,22			19,20	6,9,10	8,9
	12,13,14,15,16	10				
ZXMZL3	GlobalFiler™					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10			2	

TABLE 2

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

ZXNNA9	Investigator® 24plex QS (STRmix)					
	15,16	20,23	10,11	14,15	11	
4sp	9	10,12	13,14	18,20	12	12,13
	12,13	14,16.2	30,33.2	16	X,Y	11,13
	22			20	6,10	8,9
	13,15	10				
ZZPGPU	PowerPlex® Fusion 6C					
	15,16	20,23	10,11	14,15	11,11	
4sp	9,9	10,12	13,14	18,20	12,12	12,13
	12,13	14,16.2	30,33.2	16,16	X,Y	11,13
	22,22	9,13	5,14	20,20	6,10	8,9
	13,15	10	19	18		

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 2 - YSTR Results										
26MLJW	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
28XC6K	PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
2E7DFK	PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
2GX6UC	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
2HAK6C	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11	-	18	18	23	21	-	11	
2HDFVQ	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
2X7NWH	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
2ZFHPU	PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
32L3VN	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
34FKDH	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
38GN66	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	

TABLE 3

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

Item 2 - YSTR Results

3A2P2C	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
3EX7FR	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
3HNVBB	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
3LTCAT	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
3NZ8GW	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11	Not Tested	18	18	23	21	Not Tested	11
3VMR8R	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
48VC7W	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
4AQ98H	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
4KCBTJ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
4PTT89	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
4TJ972	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
4U6F7J	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

4UG4V4	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
4W6HGT	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
637Q7F	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
682HGX	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
6CMWP7	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
6L3CCZ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
6LFPDU	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
6MPQ8F	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
738Q2D	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
73QMDD	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
744796	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
74EKLY	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11

TABLE 3

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

Item 2 - YSTR Results

74ZWMT	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
773RRU	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
783Z8L	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
7JWTP6	Yfiler™								
2	NA	16	18,19	14	31	21	10	11	15
	14	11	12	21	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
7K7ZPC	Yfiler™								
2	NA	16	18,19	14	31	21	10	11	15
	14	11	12	21	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
7TEJYA	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
7TJCN	Yfiler™								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
83M4QG	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
87CWRC	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
8A8X7M	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
8AR3ZZ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
8TTFRL	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

8VGRTC	Yfiler™								
2	NA	16	18,19	14	31	21	10	11	15
	14	11	12	21	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
8XJN8K	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
8XV2FJ									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
8XZ393	Yfiler™, PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
8Y3GDP	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
94VG4C	Yfiler™, Fusion 5C								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
98EB6J	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
9BCFRG	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
9TYRQ3	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
9WG4BQ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
A3TMLB	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
A9ARZY	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

A9R7RM									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
AD98YZ Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
ADBCGA PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
ADTANF PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
AF4XTZ Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
AL2Y4Z Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
ALR7XL PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
AQ4NCL Yfiler™									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
ATQJ4F PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
AUJ6HK Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
AXK6P4 Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
AYVHDK PowerPlex® Y 23									
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11

TABLE 3

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

Item 2 - YSTR Results

B3VN9M	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
B86WN7	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
B8XX44	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BA4BTH	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
BE7JP2	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
BEJAKY	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BFR3W6	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BGE9YH	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BH2XWB	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
BL4NMP	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BLLDCF	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
BU2JFL	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

BU7DGL	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
BUFCBJ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
BUM3FM	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
BUW8HP	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
C6LJV2	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
CA3VZH	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
CFAE8N	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
CH8YUU	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
CXMH4	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
D3PKQB	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
DPFBCE	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
DPUH2N	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11	NT	18	18	23	21	NT	11

TABLE 3

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

Item 2 - YSTR Results

DV4M49	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
E3K2GJ	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
E69W68	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
E9MJQY	Yfiler™								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
EBAPYF	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
EBDEEX	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
EG9UJG	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
ETT4A	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
EVV8Z8	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
F49HTX	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
FHYYP	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
FRY8PM	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

FV3VG7	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
FYBFTR	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
FZ9NXV	Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15
	14	11	12	21	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
G497ZG	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
GJ4FRT	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
GJWMHJ	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
GKC74X	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
GKC9QG	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
GM3CH3	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
GNPNQZ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
GP8Z2Y	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
GRRG4W	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11

TABLE 3

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

Item 2 - YSTR Results

GTGYQQ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
GTLLMQ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
GWRNPU	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
GYB4WV	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11	-	18	18	23	21	-	11
GYVAK8	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
H97HR7	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
HBF2ZM	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
HENAPR	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
HHD9K9	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
HJAJHW	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
HJBJFB	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
HTGLX9	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

HXFZMJ	Yfiler™									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	11	11	
HZCCY6	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
HZGHTL	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
JBER2F	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
JFVK8V	PowerPlex® Y 23									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	27	11	11	
11	11	18	18	21	13	11	11	11		
JFYMUZ	PowerPlex® Y 23									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	27	11	11	
11	11	18	18	21	13	11	11	11		
JLTZB2	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
JNC92N	Yfiler™									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	11	11	
JP7WL6	PowerPlex® Y 23									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	27	11	11	
11	11	18	18	21	13	11	11	11		
JQ2BD4	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
JXGJCE	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		
K4YGCL	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
40	11	18	18	23	21	11	11	11		

TABLE 3

WebCode	Amplification Kit									
	Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
K6JDHY	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	
K8H39K	Yfiler™									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16			
							21		11	
K92TNK	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
KFWMU6	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	
KG2WCV	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	
KJCPCP	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
KPRQW8	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
KVWWMQ	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
KX4WN4	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	
KZ7JD2	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	
L4N6UF	Yfiler™ Plus									
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
L7GFAV	PowerPlex® Y 23									
2	16	18,19	14	31	21	10	11	15		
	14	11	12	21		16	16		27	
	11	11	18	18			21	13	11	

TABLE 3

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

Item 2 - YSTR Results

L7UB99	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
L9JKE4	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
LBAGCA	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
LDCLFH	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
LE7CJA	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
LH2UFV	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
LJ6YPE	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
LJCJXL	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
LL3VFR	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
LQ7EB6	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
LQADPT	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
LRTWAR	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

LTT684	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
M2R8L8	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
M6GWKY	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
M7T4TE	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
M7UDU8	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
MBG3UM	Yfiler™								
2	NA	16	18,19	14	31	21	10	11	15
	14	11	12	21	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
MCBULZ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
MCKBFU	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
MMJ4LZ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
MN7YX7	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
MQHPR4	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
MU9Y43	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

MVDEUA	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16			
						21			11
N8LTLU	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16			
						21			11
NABJ38	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
NEKDL4	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16			27
		11	11	18	18		21	13	11
NG34KZ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
NTZ2PD	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
NUCRNV	Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15
	14	11	12	21	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
NYXYXN	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
NZYH97	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
P2FHA6	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16			27
		11	11	18	18		21	13	11
P2XWHA	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
P369AJ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16			27
		11	11	18	18		21	13	11

TABLE 3

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

Item 2 - YSTR Results

P3KAUF		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
P6R26M		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
P9LZ26		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
PLKQ36		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
PLTQ2R		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
PPC4KU		Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15	
	14	11	12	21	N/A	16	16	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	
PQ6Y3W		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
PQ7R3P		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
Q6J32G		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
Q733QL		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
Q98E39		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
		14	11	12	21	16	16		27	
		11	11	18	18		21	13	11	
QGVPGN		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	

TABLE 3

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

Item 2 - YSTR Results

QGXH6N	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
QM8JQR	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
QU2ZNB	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
QU9NMH	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
QVPXWW									
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
QWPEBZ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
QWUAZK	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
QXPCP2	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
QXPQE3	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
R9RNY3	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
R9ZBN3	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RDT9HY	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

RGXAQW	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RH77R8	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RHRZUQ	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
RNNDEE	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
RP6H44	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RRBJ6A	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11	NOT TESTED	18	18	23	21	NOT TESTED	11
RVF3AW	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RW9L7A	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
RY7YHM	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
T3TYP9	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
T3U7YB	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
T6HU73	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

T7CHNX		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
T83QKM		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
TBEABV		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
TCE834		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
TCH4MV		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
TD6BGJ		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
THN7WH		Yfiler™								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
							21		11	
TJE7HD		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
TZMVX2		Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15	
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	
TZURUH		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
U4GYYP		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	
UDRHJ2		PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15	
	14	11	12	21		16	16		27	
		11	11	18	18		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

ULL4M2	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
UMR7BX	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
UPYZZP	Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15
	14	11	12	21	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
UQTNHL	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
UT4HP7	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
V4VEXX	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
V64EP4	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
V73WYF	Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15
	14	11	12	21	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
V8L6MG	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
		14	12	21		16	16		27
		11	11	18	18		21	13	11
V8QHEJ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
VA79U3	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
		14	12	21		16	16		27
		11	11	18	18		21	13	11
VDNUWW	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
		14	12	21		16	16		27
		11	11	18	18		21	13	11

TABLE 3

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

Item 2 - YSTR Results

VECBQJ	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
VJNRAT	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
VJUJK2	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
VLQ8JW	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
VMQ6XX	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
VMVG Y2	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
VWQZP3	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
W49N44	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
W4QLDV	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
W7K8LE	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11
W8DLRY	Yfiler™								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
W9MQ4Z	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11

TABLE 3

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

Item 2 - YSTR Results

W9V6YW	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
WBAPKX	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
WE289A	Yfiler™								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
						21		11	
WEEUHY	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
WNBRY	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
WQ2K2V	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
WU764M	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
WZ9EX9	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
WZDQWQ	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
X22GQ4	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
X9Q6EL	PowerPlex® Y 23								
2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16		27	
	11	11	18	18		21	13	11	
XBUK2R	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11

TABLE 3

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

Item 2 - YSTR Results

XCKMCT	Yfiler™									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	11		
XW49Q2	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
Y3B2WJ	Yfiler™									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	11		
YGP68R	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
YJTK9B	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
YJW6YX	Yfiler™									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	11		
YKQD8V	PowerPlex® Y 23									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	13	27	
YPLMEU	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
YQ7AGB	PowerPlex® Y 23									
	2	16	18,19	14	31	21	10	11	15	
	14	11	12	21	16	16	21	13	27	
YZM498	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
Z6BPFD	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
ZFZ9HQ	Yfiler™ Plus									
	2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27	
	40	11		18	18	23	21		11	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
ZGK6MH	Yfiler™								
2	N/A	16	18,19	14	31	21	10	11	15
	14	11	12	21	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
ZL4YZW	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
ZLZJJP	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
ZTUWVJ	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
ZWUZQD	Yfiler™ Plus								
2	38,41	16	18,19	14	31	21	10	11	15
	14	11	12	21	30	16	16	11	27
	40	11		18	18	23	21		11
ZXMYJ	PowerPlex® Y 23								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		27
		11	11	18	18		21	13	11
ZXMZL3	Yfiler™								
2		16	18,19	14	31	21	10	11	15
	14	11	12	21		16	16		
							21		11

TABLE 3

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

Item 3 - YSTR Results

34FKDH	Yfiler™ Plus								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND		ND	ND	ND	ND		ND
6L3CCZ	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
73QMDD	Yfiler™ Plus								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND		ND	ND	ND	ND		ND
74EKLY	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
94VG4C	Yfiler™, Fusion 5C								
3		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
EG9UJG	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
EVV8Z8	Yfiler™								
3		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
FV3VG7	Yfiler™ Plus								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND		ND	ND	ND	ND		ND
N8LTLU	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
VDNUWW	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
WU764M	Yfiler™ Plus								
3	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND		ND	ND	ND	ND		ND

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

3EX7FR	PowerPlex® Y 23								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
6RCBKP									
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
74EKLY	PowerPlex® Y 23								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
7TJCN	Yfiler™								
4	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
94VG4C	Yfiler™, Fusion 5C								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16			
						24		12	
EBAPYF	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
EVV8Z8	Yfiler™								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16			
						24		12	
F49HTX	Yfiler™								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16			
						24		12	
HBF2ZM	PowerPlex® Y 23								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
KPRQW8	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
MN7YX7	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
N8LTLU	Yfiler™								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16			
						24		12	

TABLE 3

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

Item 4 - YSTR Results

P369AJ	PowerPlex® Y 23								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
P6R26M	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
QU9NMH	Yfiler™								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
QWPEBZ	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
QXPCP2	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
RDT9HY	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VMQ6XX	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
WNBRY	PowerPlex® Y 23								
4	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
WQ2K2V	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
YGP68R	Yfiler™ Plus								
4	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

26MLJW	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
28XC6K	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
2E7DFK	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
2GX6UC	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2HAK6C	Yfiler™ Plus								
4e									
2HDFVQ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2X7NWH	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2ZFHPU	PowerPlex® Y 23								
4e									
32L3VN	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
34FKDH	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
38GN66	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
3A2P2C	PowerPlex® Y 23								
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

3HNVBB	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
3LTCAT	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
3NZ8GW	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	Not Tested	19	18	13	24	Not Tested	12
3VMR8R	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
48VC7W	Yfiler™								
4e									
4AQ98H	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4KCBTJ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
4PAVUM	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
4PTT89	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4TJ972	Yfiler™								
4e									
4U6F7J	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4W6HGT	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		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

637Q7F	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
682HGX	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6CMWP7	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
6L3CCZ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6LFPDU	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6MPQ8F	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
738Q2D	PowerPlex® Y 23								
4e									
73QMDD	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
744796	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
74ZWMT	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
773RRU	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
783Z8L	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

7JWTP6	Yfiler™								
4e	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
7K7ZPC	Yfiler™								
4e	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
7TEJYA	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
83M4QG	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
87CWRC	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8A8X7M	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8AR3ZZ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
8TTFRL	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
8VGRTC	Yfiler™								
4e	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
8XJN8K	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8XV2FJ	Yfiler™								
4e									
8XZ393	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	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

8Y3GDP	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
9BCFRG	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
9TYRQ3	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
9WG4BQ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A3TMLB	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A9ARZY	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A9R7RM	Yfiler™ Plus								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
AD98YZ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ADBCGA	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ADTANF	PowerPlex® Y 23								
4e									
AF4XTZ	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
AL2Y4Z	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

ALR7XL	PowerPlex® Y 23								
4e	[REDACTED]								
AQ4NCL	Yfiler™								
4e	[REDACTED]								
ATQJ4F	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	10	20	16	16	23			
	12	13	19	18	24	10	12		
AUJ6HK	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	19	18	13	24			12
AXK6P4	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	19	18	13	24			12
AYVHDK	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	10	20	16	16	23			
	12	13	19	18	24	10	12		
B3VN9M	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	19	18	13	24			12
B86WN7	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	10	20	16	16				
						24			12
B8XX44	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	19	18	13	24			12
BA4BTH	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	10	20	16	16	23			
	12	13	19	18	24	10	12		
BE7JP2	PowerPlex® Y 23								
4e	[REDACTED]								
BEJAKY	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	19	18	13	24			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

BFR3W6	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
BGE9YH	Yfiler™ Plus								
4e									
BH2XWB	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16		23
		12	13	19	18		24	10	12
BL4NMP	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
BLLDCF	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
BU2JFL	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
BU7DGL	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16		23
		12	13	19	18		24	10	12
BUFCBJ	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16		23
		12	13	19	18		24	10	12
BUM3FM	Yfiler™								
4e									
BUW8HP	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16		23
		12	13	19	18		24	10	12
C6LJV2	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16		23
		12	13	19	18		24	10	12
CA3VZH	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

CFAE8N	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
CH8YUU	Yfiler™								
4e									
CXMH4	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
D3PKQB	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
D9A42J	Yfiler™ Plus								
4e									
DPFBCE	PowerPlex® Y 23								
4e		11,14			24		11	13	
	14	11	10		16	16			
			19			24	10	12	
DPUH2N	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	NT	19	18	13	24	NT	12
DV4M49	PowerPlex® Y 23								
4e									
E3K2GJ	Yfiler™								
4e									
E69W68	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
E9MJQY	Yfiler™								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ECRkW9	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

EG9UJG	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
ETT24A	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
FHYYP	Yfiler™								
4e									
FRY8PM	PowerPlex® Y 23								
4e									
FV3VG7	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
FYBFTR	Yfiler™								
4e									
FZ9NXV	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
G497ZG	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
GJ4FRT	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
GJWMHJ	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
GKC74X	PowerPlex® Y 23								
4e									
GKC9QG	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

GM3CH3	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GNPNQZ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GP8Z2Y	PowerPlex® Y 23								
4e									
GRRG4W	PowerPlex® Y 23								
4e									
GTGYQQ	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
GTLLMQ	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GWRNPU	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
GYB4WV	Yfiler™ Plus								
4e									
GYVAK8	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
H97HR7	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HENAPR	PowerPlex® Y 23								
4e									
HHD9K9	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

HJAJHW	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HJBJFB	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HKQKX7	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HTGLX9	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HXFZMJ	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
HZCCY6	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HZGHTL	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JBBER2F	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JFVK8V	PowerPlex® Y 23								
4e									
JFYMUZ	PowerPlex® Y 23								
4e									
JLTZB2	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JNC92N	Yfiler™								
4e									

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4e - YSTR Results									
JP7WL6	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
JQ2BD4	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JXGJCE	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
K4YGCL	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
K6JDHY	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
K8H39K	Yfiler™								
4e									
K92TNK	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KFWMU6	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
KG2WCV	PowerPlex® Y 23								
4e									
KJCPCP	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KVWWMQ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KX4WN4	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

KZ7JD2	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
L4N6UF	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
L7GFAV	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
L7UB99	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
L9JKE4	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LBAGCA	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LDCLFH	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LE7CJA	PowerPlex® Y 23								
4e									
LH2UFV	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LJ6YPE	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LJCJXL	Yfiler™								
4e									
LL3VFR	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

LQ7EB6	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LQADPT	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LRTWAR	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LTT684	PowerPlex® Y 23								
4e									
M2R8L8	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
M6GWKY	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
M7T4TE	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	42,43	12		19	18	13	24		12
M7UDU8	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
MBG3UM	Yfiler™								
4e	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
MCBULZ	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
MCKBFU	PowerPlex® Y 23								
4e									
MMJ4LZ	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

MQHPR4	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
MU9Y43	PowerPlex® Y 23								
4e									
MVDEUA	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
NABJ38	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
NG34KZ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
NTZ2PD	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
NUCRNV	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
NYXYXN	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
NZYH97	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
P2FHA6	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
P2XWHA	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
P3KAUF	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

P9LZ26	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
PLKQ36	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
PLTQ2R	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
PPC4KU	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
PQ6Y3W	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
PQ7R3P	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
Q6J32G	Yfiler™ Plus								
4e									
Q733QL	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
Q98E39	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
QGVPGN	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
QGXH6N	PowerPlex® Y 23								
4e									
QM8JQR	PowerPlex® Y 23								
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

QQQQRZ	Yfiler™								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
QU2ZNB	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
QVPXWW	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
QWUAZK	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
QXPQE3	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
R9RNY3	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
R9ZBN3	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
RGXAQW	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
RH77R8	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
RHRZUQ	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
							24		12
RNNDEE	Yfiler™								
4e									
RP6H44	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	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

RRBJ6A	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
RVF3AW	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
RW9L7A	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
RY7YHM	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
T3TYP9	PowerPlex® Y 23								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
T3U7YB	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
T6HU73	PowerPlex® Y 23								
4e									
T7CHNX	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
T83QKM	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
TBEABV	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
TCE834	Yfiler™ Plus								
4e									
TCH4MV	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	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

TD6BGJ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
THN7WH	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
TJE7HD	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
TZMVX2	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
TZURUH	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
U4GYYP	PowerPlex® Y 23								
4e									
UDRHJ2	PowerPlex® Y 23								
4e									
ULL4M2	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UMR7BX	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UPYZZP	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
UQTNHL	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UT4HP7	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

V4VEXX	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
V64EP4	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
V73WYF	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
V8L6MG	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
V8QHEJ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VDNUWW	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VECBQJ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VJNRAT	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VJUZX2	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VLQ8JW	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VMVGY2	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VWQZP3	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

W49N44	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
W4QLDV	Yfiler™								
4e									
W7K8LE	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
W8DLRY	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
W9MQ4Z	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
W9V6YW	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WBAPKX	Yfiler™								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
WE289A	Yfiler™								
4e									
WEEUHY	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WU764M	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
WZ9EX9	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WZDQWQ	PowerPlex® Y 23								
4e	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

X22GQ4	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
X9Q6EL	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
XBUK2R	Yfiler™ Plus								
4e									
XCKMCT	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
XW49Q2	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
Y3B2WJ	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
YJTK9B	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
YJW6YX	Yfiler™								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
YKQD8V	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
YPLMEU	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
YQ7AGB	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
YZM498	Yfiler™ Plus								
4e	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

Z6BPFD	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZFZ9HQ	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZGK6MH	Yfiler™								
4e	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
ZL4YZW	Yfiler™ Plus								
4e	38,38		11,14						13
	10				29				23
	12								
ZLZJJP	PowerPlex® Y 23								
4e									
ZTUWVJ	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ZW26PN	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
	n/a			n/a	n/a	n/a	n/a		n/a
ZWUZQD	Yfiler™ Plus								
4e	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZXMXYJ	PowerPlex® Y 23								
4e		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ZXMZL3	Yfiler™								
4e									

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4sp - YSTR Results									
26MLJW	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
28XC6K	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
2E7DFK	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
2GX6UC	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2HAK6C	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	-	19	18	13	24	-	12
2HDFVQ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2X7NWH	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
2ZFHPU	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
32L3VN	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
34FKDH	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
38GN66	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
3A2P2C	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	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									
3HNVBB	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
3LTCAT	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
3NZ8GW	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	Not Tested	19	18	13	24	Not Tested	12
3VMR8R	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
48VC7W	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
4AQ98H	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4KCBTJ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	[42],43	12		19	18	13	24		12
4PAVUM	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
4PTT89	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4TJ972	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
4U6F7J	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
4W6HGT	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		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

637Q7F	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
682HGX	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6CMWP7	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
6L3CCZ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6LFPDU	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
6MPQ8F	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
738Q2D	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
73QMDD	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
744796	Yfiler™								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
74ZWMT	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
773RRU	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
783Z8L	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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									
7JWTP6	Yfiler™								
4sp	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
7K7ZPC	Yfiler™								
4sp	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
7TEJYA	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
83M4QG	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
87CWRC	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8A8X7M	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8AR3ZZ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
8TTFRL	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
8VGRTC	Yfiler™								
4sp	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
8XJN8K	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
8XV2FJ	Yfiler™								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
8XZ393	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	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									
8Y3GDP	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
9BCFRG	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
9TYRQ3	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
9WG4BQ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A3TMLB	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A9ARZY	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
A9R7RM	Yfiler™ Plus								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
AD98YZ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ADBCGA	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ADTANF	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
AF4XTZ	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
AL2Y4Z	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

ALR7XL	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
AQ4NCL	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
ATQJ4F	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
AUJ6HK	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
AXK6P4	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
AYVHDK	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
B3VN9M	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
B86WN7	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
B8XX44	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
BA4BTH	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
BE7JP2	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
BEJAKY	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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										
BFR3W6	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
BGE9YH	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
BH2XWB	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
BL4NMP	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
BLLDCF	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
BU2JFL	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
BU7DGL	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
BUFCBJ	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
BUM3FM	Yfiler™									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16			
							24		12	
BUW8HP	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
C6LJV2	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
CA3VZH	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		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

CFAE8N	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
CH8YUU	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
CXMHV4	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
D3PKQB	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
D9A42J	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
DPFBCE	PowerPlex® Y 23								
4sp	15		13	29		10			
			20						23
	12	13		18					
DPUH2N	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	NT	19	18	13	24	NT	12
DV4M49	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
E3K2GJ	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
E69W68	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
E9MJQY	Yfiler™								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ECRKW9	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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									
EG9UJG	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
ETT24A	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
FHYYP	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
FRY8PM	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
FV3VG7	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
FYBFTR	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
FZ9NXV	Yfiler™								
4sp	N/A	15	11,14	13	29	24	10	11	13
	14	10	20	N/A	16	16	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
G497ZG	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
GJ4FRT	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
GJWMHJ	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
GKC74X	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
GKC9QG	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		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									
GM3CH3	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GPNQZ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GP8Z2Y	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
GRRG4W	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
GTGYQQ	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
GTLLMQ	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
GWRNPU	Yfiler™								
4sp		15	11,14	13	29	24	10	24	13
	14	11	10	20		16	16		11
							10		11
GYB4WV	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12	-	19	18	13	24	-	12
GYVAK8	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
H97HR7	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HENAPR	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
HHD9K9	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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									
HJAJHW	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HJBJFB	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HKQX7	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HTGLX9	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HXFZMJ	Yfiler™								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
HZCCY6	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
HZGHTL	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JB2R2F	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JFVK8V	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
JFYMUZ	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
JLTZB2	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JNC92N	Yfiler™								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		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									
JP7WL6	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
JQ2BD4	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
JXGJCE	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
K4YGCL	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
K6JDHY	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
K8H39K	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
K92TNK	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KFWMU6	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
KG2WCV	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
KJCPCP	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KVWWMQ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
KX4WN4	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

KZ7JD2	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
L4N6UF	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
L7GFAV	PowerPlex® Y 23								
4sp									
L7UB99	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
L9JKE4	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LBAGCA	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LDCLFH	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LE7CJA	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LH2UFV	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LJ6YPE	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LJCJXL	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
						24		12	
LL3VFR	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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									
LQ7EB6	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LQADPT	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
LRTWAR	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
LTT684	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
M2R8L8	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
M6GWKY	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
M7T4TE	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
M7UDU8	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
MBG3UM	Yfiler™								
4sp	NA	15	11,14	13	29	24	10	11	13
	14	11	10	20	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	24	NA	12
MCBULZ	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
MCKBFU	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
MMJ4LZ	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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									
MQHPR4	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
MU9Y43	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
MVDEUA	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
						24		12	
NABJ38	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
NG34KZ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
NTZ2PD	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
NUCRNV	Yfiler™								
4sp	N/A	15	11,14	13	29	24	10	11	13
	14	10	20	N/A	16	16	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
NYXYXN	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
NZYH97	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
P2FHA6	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	10	12	
P2XWHA	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	10	20	29	16	16	11	23	
	43	12	19	18	13	24		12	
P3KAUF	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	10	20		16	16		23	
	12	13	19	18		24	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										
P9LZ26	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
PLKQ36	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
PLTQ2R	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
PPC4KU	Yfiler™									
4sp	N/A	15	11,14	13	29	24	10	11	13	
	14	11	10	20	N/A	16	16	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12	
PQ6Y3W	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
PQ7R3P	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
Q6J32G	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
Q733QL	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
Q98E39	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
QGVPGN	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
QGXH6N	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
QM8JQR	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	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										
QQQQRZ	Yfiler™									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
QU2ZNB	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
QVPXWW	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
QWUAZK	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
QXPQE3	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
R9RNY3	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
R9ZBN3	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
RGXAQW	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
RH77R8	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
RHRZUQ	Yfiler™									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
							24		12	
RNNDEE	Yfiler™									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
							24		12	
RP6H44	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	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										
RRBJ6A	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
RVF3AW	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
RW9L7A	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
RY7YHM	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
T3TYP9	PowerPlex® Y 23									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
T3U7YB	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
T6HU73	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
T7CHNX	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
T83QKM	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	10	12	
TBEABV	Yfiler™ Plus									
4sp	38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
TCE834	Yfiler™ Plus									
4sp	38,38	15	11,14	13	29	24	10	11	13	
	14	11	10	20	29	16	16	11	23	
	43	12		19	18	13	24		12	
TCH4MV	PowerPlex® Y 23									
4sp		15	11,14	13	29	24	10	11	13	
	14	11	10	20		16	16		23	
		12	13	19	18		24	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

TD6BGJ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
THN7WH	Yfiler™								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		12
TJE7HD	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
TZMVX2	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
TZURUH	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
U4GYYP	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
UDRHJ2	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ULL4M2	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UMR7BX	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UPYZZP	Yfiler™								
4sp	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
UQTNHL	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
UT4HP7	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

V4VEXX	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
V64EP4	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
V73WYF	Yfiler™								
4sp	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
V8L6MG	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
V8QHEJ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VDNUWW	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VECBQJ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VJNRAT	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VJUZX2	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
VLQ8JW	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VMVGY2	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
VWQZP3	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		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

W49N44	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
W4QLDV	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
W7K8LE									
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
W8DLRY	Yfiler™ Plus								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
W9MQ4Z	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
W9V6YW	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WBAPKX	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
WE289A	Yfiler™								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16			
						24		12	
WEEUHY	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WU764M	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
WZ9EX9	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	10	12	
WZDQWQ	PowerPlex® Y 23								
4sp	15	11,14	13	29	24	10	11	13	
	14	11	10	20	16	16		23	
	12	13	19	18		24	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

X22GQ4	Yfiler™ Plus									
	4sp	38,38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			12
X9Q6EL	PowerPlex® Y 23									
	4sp		15	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		23
		12	13	19	18		24	10		12
XBUK2R	Yfiler™ Plus									
	4sp	38,38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			12
XCKMCT	Yfiler™									
	4sp		25	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		
							24			12
XW49Q2	Yfiler™ Plus									
	4sp	38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			12
Y3B2WJ	Yfiler™									
	4sp		15	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		
							24			12
YJTK9B	Yfiler™ Plus									
	4sp	38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			12
YJW6YX	Yfiler™									
	4sp		15	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		
							24			12
YKQD8V	PowerPlex® Y 23									
	4sp		15	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		23
		12	13	19	18		24	10		12
YPLMEU	Yfiler™ Plus									
	4sp	38,38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			12
YQ7AGB	PowerPlex® Y 23									
	4sp		15	11,14	13	29	24	10	11	13
		14	11	10	20		16	16		23
		12	13	19	18		24	10		12
YZM498	Yfiler™ Plus									
	4sp	38,38	15	11,14	13	29	24	10	11	13
		14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24			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									
Z6BPFD	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZFZ9HQ	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZGK6MH	Yfiler™								
4sp	N/A	15	11,14	13	29	24	10	11	13
	14	11	10	20	N/A	16	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	24	N/A	12
ZL4YZW	Yfiler™ Plus								
4sp		15		13	29	24	10	11	
	14	11		20		16	16	11	
	43			19	18	13	24		12
ZLZJJP	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ZTUWVJ	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ZW26PN	Yfiler™								
4sp	38,38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZWUZQD	Yfiler™ Plus								
4sp	38	15	11,14	13	29	24	10	11	13
	14	11	10	20	29	16	16	11	23
	43	12		19	18	13	24		12
ZXMXYJ	PowerPlex® Y 23								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		23
		12	13	19	18		24	10	12
ZXMZL3	Yfiler™								
4sp		15	11,14	13	29	24	10	11	13
	14	11	10	20		16	16		
							24		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
QS1	GZJYZR	Q	Q	Q				Q	Q
	VXPJVV	Q	Q	Q				Q	Q
QS2	GZJYZR	S	S	S				S	S
	VXPJVV	S	S	S				S	S

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16185.0	16209.0	16223.0	16327.0
ITEM 1				
28YR9R	T	C	T	T
3VMR8R	T	C	T	T
4284N7	T	C	T	T
4EV77X	T	C	T	T
4GXFRZ	T	C	T	T
4ZR8W7	T	C	T	T
6RCBKP	T	C	T	T
74EKLY	T	C	T	T
76QHUB	T	C	T	T
7TJCN	T	C	T	T
8MQRE8	T	C	T	T
9HHEHU	T	C	T	T
AL6TBT	T	C	T	T
BUFCBJ	T	C	T	T
BUFZKM	T	C	T	T
CFCBBM	T	C	T	T
CN7F4N	T	C	T	T
E4GW8V	T	C	T	T
E69W68	T	C	T	T
FF7ALJ	T	C	T	T
GQEL46	T	C	T	T
JKNQHR	T	C	T	T
LHAW2H	T	C	T	T
P3KAUF	T	C	T	T
P6R26M	T	C	T	T
PHY94M	T	C	T	T
QVPXWW	T	C	T	T
TFJZEB	T	C	T	T
TMDETG	T	C	T	T
U2CJVM	T	C	T	T
V68U7D	T	C	T	T
VA79U3	T	C	T	T
W6KQ33	T	C	T	T
WEEUHY	T	C	T	T
XU67D7	T	C	T	T
ZUD83C	T	C	T	T

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

	16223.0	16262.0	16295.0	16362.0	16519.0
ITEM 2					
28YR9R	T		T	C	
3VMR8R	T		T	C	C
4284N7	T		T	C	
4EV77X	T		T	C	
4GXFRZ	T		T	C	
4ZR8W7	T		T	C	
6RCBKP	T		T	C	C
74EKLY	T		T	C	
76QHUB	T		T	C	C
7TJCN	T		T	C	
8MQRE8	T		T	C	C
9HHEHU	T		T	C	
AL6TBT	T		T	C	
BUFCBJ	T		T	C	
BUFZKM	T		T	C	
CFCBBM	T		T	C	C
CN7F4N	T		T	C	C
E4GW8V	T		T	C	
E69W68	T		T	C	
FF7ALJ	T		T	C	
GQEL46	T		T	C	C
JKNQHR	T		T	C	C
LHAW2H	T		T	C	
P3KAUF	T		T	C	
P6R26M	T		T	C	
PHY94M	T		T	C	
QVPXWW	T		T	C	C
TFJZEB	T		T	C	
TMDGT	T		T	C	C
U2CJVM	T		T	C	C
V68U7D	T		T	C	C
VA79U3	T		T	C	C
W6KQ33	T	C	T		
WEEUHY	T		T	C	
XU67D7	T		T	C	
ZUD83C	T		T	C	

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16185.0	16209.0	16223.0	16327.0
ITEM 3				
28YR9R	T	C	T	T
3VMR8R	T	C	T	T
4284N7	T	C	T	T
4EV77X	T	C	T	T
4ZR8W7	T	C	T	T
74EKLY	T	C	T	T
76QHUB	T	C	T	T
7TJCN	T	C	T	T
8MQRE8	T	C	T	T
9HHEHU	T	C	T	T
BUFCBJ	T	C	T	T
BUFZKM	T	C	T	T
CFCBBM	T	C	T	T
CN7F4N	T	C	T	T
E4GW8V	T	C	T	T
E69W68	T	C	T	T
FF7ALJ	T	C	T	T
GQEL46	T	C	T	T
JKNQHR	T	C	T	T
LHAW2H	T	C	T	T
P3KAUF	T	C	T	T
P6R26M	T	C	T	T
PHY94M	T	C	T	T
QVPXWW	T	C	T	T
TFJZEB	T	C	T	T
TMDETG	T	C	T	T
U2CJVM	T	C	T	T
V68U7D	T	C	T	T
VA79U3	T	C	T	T
W6KQ33	T	C	T	T
WEEUHY	T	C	T	T
XU67D7	T	C	T	T
ZUD83C	T	C	T	T

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16185.0	16209.0	16223.0	16327.0
ITEM 4				
3VMR8R	T	C	T	T

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
28YR9R	16001-16390	15998-16390	15998-16390	INCONCLUSIVE
3VMR8R	169-16342	198-16343	169-16071	134-16343
4284N7	16001-16390	15998-16390	15998-16390	INC
4EV77X	15998-16390	15998-16390	16001-16387	INC
4GXFRZ	15998-16400	15998-16400		
4ZR8W7	15998-16390	15998-16390	15998-16390	INC
6RCBKP	16024-16569	16024-16569		
74EKLY	16000-16390	16000-16390	16000-16390	
76QHUB	16024-16569	16024-16569	16024-16391	Inconclusive
7TJCN	16024-16365	16024-16365	16024-16365	
8MQRE8	16024-16569	16024-16569	16024-16569	Inconclusive
9HHEHU	15998-16390	15998-16390	15998-16390	INC
AL6TBT	15998-16400	15998-16400		
BUFCBJ	16024-16365	16024-16365	16024-16365	
BUFZKM	16024-16365	16024-16365	16024-16365	Mixture- Not reported
CFCBBM	15998-16569	15998-16569	15998-16356	
CN7F4N	15998-16569	15998-16569	16004-16369	
E4GW8V	16001-16390	15998-16390	15998-16390	INC
E69W68	16019-16374	16019-16374	16019-16374	
FF7ALJ	15998-16390	15998-16390	15998-16390	INC
GQEL46	16024-16569	16024-16569	16024-16569	
JKNQHR	16024-16569	16024-16569	16024-16569	Inconclusive
LHAW2H	15998-16390	15998-16390	15998-16390	INC
P3KAUF	16021 - 16400	16021 - 16400	16021 - 16400	
P6R26M	16024-16365	16024-16365	16024-16365	16024-16365
PHY94M	16024-16391	16024-16391	16024-16391	Inconclusive

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
QVPXWW	ALL	ALL	ALL	
TFJZEB	15998-16390	15998-16390	15998-16390	INC
TMDETG	16024-16569	16024-16569	16024-16391	Inconclusive
U2CJVM	16024-16569	16024-16569	16024-16391	Inconclusive
V68U7D	16024-16569	16024-16569	16024-16569	Inconclusive
VA79U3	15998-16569	15998-16569	15998-16367	
W6KQ33	16024-16404	16024-16404	16024-16404	
WEEUHY	16024-16365	16024-16365	16024-16365	
XU67D7	15998-16390	15998-16390	15998-16390	Inconclusive
ZUD83C	16024-16391	16024-16391	16024-16391	Inconclusive

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	150.0	152.0	189.0	195.0	200.0	207.0	263.0	309.0	309.1	315.0	315.1
ITEM 1												
28YR9R	G	T	C	G	C	G	A	G		C		C
3VMR8R	G	T	C	G	C	G	A	G		C		C
4284N7	G	T	C	G	C	G	A	G		C		C
4EV77X	G	T	C	G	C	G	A	G		C		C
4GXFRZ	G	T	C	G	C	G	A	G		C		C
4ZR8W7	G	T	C	G	C	G	A	G		C		C
6RCBKP	G	T	C	G	C	G	A	G		C		C
74EKLY	G	T	C	G	C	G	A	G		C		C
76QHUB	G	T	C	G	C	G	A	G		C INS		C INS
7TJCXN	G	T	C	G	C	G	A	G		C		C
8MQRE8	G	T	C	G	C	G	A	G		C ins		C ins
9HHEHU	G	T	C	G	C	G	A	G		C		C
AL6TBT	G	T	C	G	C	G	A	G		C		C
BUFCBJ	G	T	C	G	C	G	A	G		C		C
BUFZKM	G	T	C	G	C	G	A	G		C		C
CFCBBM	G	T	C	G	C	G	A	G		C		C
CN7F4N	G	T	C	G	C	G	A	G		C		C
E4GW8V	G	T	C	G	C	G	A	G		C		C
E69W68	G	T	C	G	C	G	A	G		C		C
FF7ALJ	G	T	C	G	C	G	A	G		C		C
GQEL46	G	T	C	G	C	G	A	G		C INS		C INS
JKNQHR	G	T	C	G	C	G	A	G		C INS		C INS
LHAW2H	G	T	C	G	C	G	A	G		C		C
P3KAUF	G	T	C	G	C	G	A	G		C		C
P6R26M	G	T	C	G	C	G	A	G	1C		1C	
PHY94M	G	T	C	G	C	G	A	G		C INS		C INS
QVPXWW	G	T	C	G	C	G	A	G	.1C		.1C	
TFJZEB	G	T	C	G	C	G	A	G		C		C
TMDETG	G	T	C	G	C	G	A	G		C INS		C INS
U2CJVM	G	T	C	G	C	G	A	G		C INS		C INS
V68U7D	G	T	C	G	C	G	A	G		C INS		C INS
VA79U3	G	T	C	G	C	G	A	G		C		C
W6KQ33	G	T	C	G	C	G	A	G		C		C
WEEUHY	G	T	C	G	C	G	A	G		C		C
XU67D7	G	T	C	G	C	G	A	G		C		C
ZUD83C	G	T	C	G	C	G	A	G		C-ins		C-ins

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	41.0	73.0	146.0	199.0	263.0	309.0	309.1	315.0	315.1	489.0	523.0	524.0
ITEM 2												
28YR9R		G	C	C	G		C		C			
3VMR8R		G	C	C	G		C		C			
4284N7		G	C	C	G		C		C			
4EV77X		G	C	C	G		C		C			
4GXFRZ		G	C	C	G		C		C			
4ZR8W7		G	C	C	G		C		C			
6RCBKP		G	C	C	G		C		C	C		
74EKLY		G	C	C	G		C		C			
76QHUB		G	C	C	G		C INS		C INS	C	A DEL	C DEL
7TJCXN		G	C	C	G				C			
8MQRE8		G	C	C	G		C ins		C ins	C	A del	C del
9HHEHU		G	C	C	G		C		C			
AL6TBT		G	C	C	G		C		C			
BUFCBJ		G	C	C	G		C		C			
BUFZKM		G	C	C	G		C		C			
CFCBBM		G	C	C	G		C		C	C	D	D
CN7F4N		G	C	C	G		C		C	C	D	D
E4GW8V		G	C	C	G		C		C			
E69W68		G	C	C	G		C		C			
FF7ALJ		G	C	C	G		C		C			
GQEL46		G	C	C	G		C INS		C INS	C	A DEL	C DEL
JKNQHR		G	C	C	G		C INS		C INS	C	A DEL	C DEL
LHAW2H		G	C	C	G		C		C			
P3KAUF		G	C	C	G		C		C			
P6R26M		G	C	C	G	1C		1C				
PHY94M		G	C	C	G		C INS		C INS			
QVPXWW		G	C	C	G	.1C		.1C		C		
TFJZEB		G	C	C	G		C		C			
TMDETG		G	C	C	G		C INS		C INS	C	A DEL	C DEL
U2CJVM		G	C	C	G		C INS		C INS	C	A DEL	C DEL
V68U7D		G	C	C	G		C INS		C INS	C	A DEL	C DEL
VA79U3		G	C	C	G		C		C	C	D	D
W6KQ33		G	C	C	G		C		C			
WEEUHY		G	C	C	G		C		C			
XU67D7		G	C	C	G		C		C			
ZUD83C	N	G	C	C	G		C-ins		C-ins			

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	51.0	73.0	150.0	152.0	189.0	195.0	200.0	207.0	263.0	309.0	309.1	315.0	315.1
ITEM 3													
28YR9R		G	T	C	G	C	G	A	G		C		C
3VMR8R		G	T	C	G	C	G	A	G		C		C
4284N7		G	T	C	G	C	G	A	G		C		C
4EV77X		G	T	C	G	C	G	A	G		C		C
4ZR8W7		G	T	C	G	C	G	A	G		C		C
74EKLY		G	T	C	G	C	G	A	G		C		C
76QHUB		G	T	C	G	C	G	A	G		C INS		C INS
7TJCN		G	T	C	G	C	G	A	G				
8MQRE8		G	T	C	G	C	G	A	G		C ins		C ins
9HHEHU		G	T	C	G	C	G	A	G		C		C
BUFCBJ		G	T	C	G	C	G	A	G				
BUFZKM		G	T	C	G	C	G	A	G		C		C
CFCBBM		G	T	C	G	C	G	A	G		C		C
CN7F4N		G	T	C	G	C	G	A	G		C		C
E4GW8V		G	T	C	G	C	G	A	G		C		C
E69W68		G	T	C	G	C	G	A	G		C		C
FF7ALJ		G	T	C	G	C	G	A	G		C		C
GQEL46		G	T	C	G	C	G	A	G		C INS		C INS
JKNQHR		G	T	C	G	C	G	A	G		C INS		C INS
LHAW2H		G	T	C	G	C	G	A	G		C		C
P3KAUF		G	T	C	G	C	G	A	G		C		C
P6R26M		G	T	C	G	C	G	A	G	1C		1C	
PHY94M		G	T	C	G	C	G	A	G		C INS		C INS
QVPXWW		G	T	C	G	C	G	A	G				
TFJZEB		G	T	C	G	C	G	A	G		C		C
TMDETG		G	T	C	G	C	G	A	G		C INS		C INS
U2CJVM		G	T	C	G	C	G	A	G		C INS		C INS
V68U7D		G	T	C	G	C	G	A	G		C INS		C INS
VA79U3		G	T	C	G	C	G	A	G		C		C
W6KQ33		G	T	C	G	C	G	A	G		C		C
WEEUHY		G	T	C	G	C	G	A	G		C		C
XU67D7		G	T	C	G	C	G	A	G		C		C
ZUD83C	N	G	T	C	G	C	G	A	G		C-ins		C-ins

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	150.0	152.0	189.0	195.0	200.0	207.0	263.0	309.1	315.1
ITEM 4										
3VMR8R	G	T	C	G	C	G	A	G	C	C

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
28YR9R	64-391	64-390	63-393	INCONCLUSIVE
3VMR8R	68-429	114-430	51-428	110-428
4284N7	64-392	64-390	63-393	INC
4EV77X	64-393	64-393	51-403	INC
4GXFRZ	30-407	30-407		
4ZR8W7	64-390	63-404	63-401	INC
6RCBKP	1-576	1-576		
74EKLY	45-390	45-390	45-390	
76QHUB	1-576	1-576	35-369	Inconclusive
7TJCN	73-340	73-309 324-340	73-214 262-302	
8MQRE8	1-576	1-576	1-576	Inconclusive
9HHEHU	64-392	63-389	63-392	INC
AL6TBT	30-407	30-407		
BUFCBJ	73-214, 262-340	73-340	73-214, 262-302	
BUFZKM	73-340	73-340	73-340	Mixture- not reported
CFCBBM	1-537	1-534	47-357	
CN7F4N	1-534	1-533	47-366	
E4GW8V	63-393	64-392	65-392	INC
E69W68	61-385	61-385	61-385	
FF7ALJ	64-378	64-393	64-392	INC
GQEL46	1-576	1-576	1-576	
JKNQHR	1-576	1-576	1-576	Inconclusive
LHAW2H	64-378	64-393	64-392	INC
P3KAUF	66 - 390	66 - 390	66 - 390	
P6R26M	73-340	73-340	73-340	73-340
PHY94M	35-464	35-464	35-464	Inconclusive
QVPXWW	ALL	ALL	ALL	
TFJZEB	65-368	65-366	51-403	INC

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
TMDETG	1-576	1-576	35-464	Inconclusive
U2CJVM	1-576	1-576	35-464	Inconclusive
V68U7D	1-576	1-576	1-576	Inconclusive
VA79U3	1-537	1-537	50-366	
W6KQ33	39-398	39-398	39-398	
WEEUHY	73-214, 262-340	73-340	73-220, 262-340	
XU67D7	64-392	63-389	63-393	Inconclusive
ZUD83C	39-369	39-369	43-369	Inconclusive

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
23TXPF	No Interp	No Interp	No Interp	No Interp	3EX7FR	Yes	Yes	No	No
24UDAX	Yes	Yes	No	No	3G4R8X	Yes	Yes	No	No
26MLJW	No Interp	No Interp	No Interp	No	3HL77E	Yes	Yes	No	No
26YV8M	Yes	Yes	No	No	3HNVBB	No Interp	No Interp	No Interp	No
28VA42	Yes	Yes	No	No	3J6TW9	Yes	Yes	No	No
28VEZ	Yes	Yes	No	No	3KU6UT	Yes	Yes	No	No
28XC6K	Yes	Yes	No	Inc	3LRGBU	Yes	Yes	No	No
28YR9R	Yes	Yes	No	No	3LTCAT	Yes	Yes	No	No
2A4V62	Yes	Yes	No	No	3NZ8GW	Yes	Yes	No	No
2CFWFK	Yes	Yes	No	No	3QDJ4T	Yes	Yes	No	No
2E7DFK	No Interp	No Interp	No Interp	No	3QWADC	Yes	Yes	No	No
2F2R7K	No Interpretations Reported, DNA Analyzed for Database purposes only.				3QYXWC	Yes	Yes	No	No
2F6QMU	Yes	Yes	No	No	3R6Y84	Yes	Yes	No	No
2GX6UC	Yes	Yes	No	No	3RJXC9	Yes	Yes	No	No
2HAK6C	Yes	Yes	No	No	3VMR8R	Yes	Yes	No	No
2HDFVQ	Yes	Yes	No	No	4284N7	Yes	No Interp	No	No Interp
2KH8M4	Yes	Yes	No	No	43QZDB	Yes	Yes	No	No
2LCE6Z	Yes	Yes	No	No	48DGH3	Yes	Yes	No	No
2QWXV	Yes	Yes	No	No	48FM4A	Yes	Yes	No	No
2THHG2	Yes	Yes	No	No	48VC7W	Yes	Yes	No	No
2VWYGE	Yes	Yes	No	No	4AQ98H	Yes	Yes	No	No
2WXYLY	Yes	Yes	No	No	4DB9DP	Yes	Yes	No	No
2X7NWH	Yes	Yes	No	No	4EV77X	Yes	No Interp	No	No Interp
2ZFHPU	Yes	Yes	No	No	4EZ2ZR	Yes	Yes	No	No
2ZFWGG	Yes	Yes	No	No	4GXFRZ	No Interp	No Interp	No Interp	No Interp
32L3VN	Yes	Yes	No	No	4J46PV	Yes	Yes	No	No
34FKDH	No Interp	No Interp	No	No	4KCBTJ	Yes	Yes	No	No
38GN66	Yes	Yes	No	No	4PAVUM	Yes	Yes	No	No
3A2P2C	Yes	Yes	Inc	Inc	4PTT89	Yes	Yes	No	No
3A87QG	No Interp	No Interp	No Interp	No Interp	4QWLNZ	Yes	Yes	No	No
3B9ZMU	Yes	Yes	No	No	4RA8CF	Yes	Yes	No	No
3DUP6L	Yes	Yes	No	No	4TJ972	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4U6F7J	Yes	Yes	No	No	7JNZHF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4UG4V4	Yes	Yes	No	No	7JWTP6	Yes	Yes	No	No
4W6FWV	Yes	Yes	No	No	7K7ZPC	Yes	Yes	No	No
4W6HGT	Yes	Yes	No	No	7N6PCX	Yes	Yes	No	No
4ZR8W7	Yes	No Interp	No	No Interp	7TEJYA	Yes	Yes	No	No
637Q7F	Yes	Yes	No	No	7TJCN	Yes	Yes	No	No
682HGX	Yes	Yes	No	No	7UPEQT	Yes	Yes	No	No
6848LU	No Interpretations Reported, DNA Analyzed for Database purposes only.				7WH7XX	Yes	Yes	No	No
6B7JPU	Yes	Yes	No	No	7WP9TX	Yes	Yes	No	No
6CMWP7	Yes	Yes	No	No	7ZFLFT	Yes	Yes	No	No
6EC9NC	Yes	Yes	No	No	829XM7	Yes	Yes	No	No
6EHDGK	No Interpretations Reported, DNA Analyzed for Database purposes only.				83M4QG	Yes	Yes	No	No
6GNF83	Yes	Yes	No	No	86W7DU	Yes	Yes	No	No
6L3CCZ	No Interp	No Interp	No	No	87CWRC	No Interp	No Interp	No Interp	No Interp
6LFPDU	No Interp	No Interp	No Interp	No	88RERB	Yes	Yes	No	No
6MPQ8F	No Interp	No Interp	No Interp	No	8A8X7M	Yes	Yes	No	No
6MQGH6	Yes	Yes	No	No	8AR3ZZ	Yes	Yes	No	No
6P3PTX	Yes	Yes	No	No	8CPQX9	Yes	Yes	No	No
6RCBKP	Yes	Yes	No	No	8L7NBR	Yes	Yes	No	No
6WAJDZ	Yes	Yes	No	No	8MQRE8	Yes	Inc	No	Inc
6YRXCF	Yes	Yes	No	No	8N3CBN	Yes	Yes	No	No
738Q2D	Yes	Yes	No	No	8TTFRL	Yes	Yes	No	No
73QMDD	No Interp	No Interp	No	No	8VGRTC	Yes	Yes	No	No
744796	Yes	Yes	No	No	8W83DD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
74EKLY	Yes	Yes	No	No	8XJN8K	No Interp	No Interp	No Interp	No Interp
74LMHY	Yes	Yes	No	No	8XV2FJ	Yes	Yes	No	No
74ZWMT	Yes	Yes	No	No	8XZ393	Yes	Yes	No	No
76QHUB	Yes	Inc	No	Inc	8Y3GDP	Yes	Yes	No	No
773RRU	Yes	Yes	No	No	8YYR9R	Yes	Yes	No	No
783Z8L	Yes	Yes	No	No	8YZUUP	Yes	Yes	No	No
78NGT9	Yes	Yes	No	No	93EAYV	Yes	Yes	No	No
78R37F	Yes	Yes	No	No	93U66F	Yes	Yes	No	No
7AJ4MP	Yes	Yes	No	No	94VG4C	Yes	Yes	No	No
7FEKK4	Yes	Yes	No	No	96D9N7	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
972DVD	Yes	Yes	No	No	AL2Y4Z	Yes	Yes	No	No
98EB6J	No Interpretations Reported, DNA Analyzed for Database purposes only.				AL6TBT	No Interp	No Interp	No Interp	No Interp
98QBYQ	Yes	Yes	No	No	ALR7XL	Yes	Yes	No	No
9BCFRG	Yes	Yes	Inc	Inc	AMZJFM	Yes	Yes	No	No
9BGAKH	Yes	Yes	No	No	APNEZM	Yes	Yes	No	No
9E34L2	Yes	Yes	No	No	APQPTR	Yes	Yes	No	No
9ECLBU	Yes	Yes	No	No	AQ4NCL	Yes	Yes	No	No
9HHEHU	Yes	No Interp	No	No Interp	ATQJ4F	Yes	Yes	No	No
9HRV7R	Yes	Yes	No	No	AUEZGN	Yes	Yes	No	No
9J8BYD	Yes	Yes	No	No	AUJ6HK	Yes	Yes	No	No
9KG4CM	Yes	Yes	No	No	AWK9XL	Yes	Yes	No	No
9L8APR	Yes	Yes	No	No	AXK6P4	No Interp	No Interp	No Interp	No
9M6UX7	Yes	Yes	No	No	AYVHDK	Yes	Yes	No	No
9PAP2G	No Interp	No Interp	No Interp	No Interp	AZZP3J	Yes	Yes	No	No
9QQUY8	Yes	Yes	No	No	B3VN9M	Yes	Yes	No	No
9TFZJ4	Yes	Yes	No	No	B4FTF8	No Interp	No Interp	No Interp	No Interp
9TYRQ3	Yes	Yes	No	No	B4PWGL	Yes	Yes	No	No
9U8XVQ	Yes	Yes	No	No	B69HP2	Yes	Yes	No	No
9WG4BQ	Yes	Yes	No	No	B86WN7	Yes	Yes	No	No
9XYCZZ	Yes	Yes	No	No	B8XX44	Yes	Yes	No	No
9Z9FMN	Yes	Yes	No	No	BA4BTH	Yes	Yes	No	No
A3TMLB	Yes	Yes	No	No	BCAX99	No Interp	No Interp	No Interp	No Interp
A8JVZQ	Yes	Yes	No	No	BDYN3U	Yes	Yes	No	No
A8NXXH	Yes	Yes	No	No	BE7JP2	Yes	Yes	No	No
A9ARZY	Yes	Yes	No	No	BEJAKY	Yes	Yes	No	No
A9R7RM	Yes	Yes	No	No	BEYXTX	Yes	Yes	No	No
AAV27T	Yes	Yes	No	No	BFR3W6	Yes	Yes	No	No
AD98YZ	Yes	Yes	No	No	BGE9YH	Yes	Yes	No	No
ADBCGA	Yes	Yes	No	No	BH2XWB	No Interp	No Interp	No Interp	No
ADTANF	Yes	Yes	No	No	BHVMWY	Yes	Yes	No	No
AENYYP	Yes	Yes	No	No	BJTXR2	No Interp	No Interp	No Interp	No Interp
AF4XTZ	Yes	Yes	No	No	BL4NMP	Yes	Yes	No	No
AGGUWJ	Yes	Yes	No	No	BLLDCF	Yes	Yes	No	No
AH3M8Z	Yes	Yes	No	No	BP2HT6	Yes	Yes	No	No
AKDFNL	Yes	Yes	No	No	BRHCCT	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BTEE69	Yes	Yes	No	No	D73HZJ	Yes	Yes	No	No
BU2JFL	Yes	Yes	No	No	D9A42J	Yes	Yes	No	No
BU7DGL	Yes	Yes	No	No	DB74BL	Yes	Yes	No	No
BUFCBJ	Yes	Yes	No	No	DEE3C9	Yes	Yes	No	No
BUFZKM	Yes	No Interp	No	No Interp	DGE8J9	Yes	Yes	No	No
BUM3FM	Yes	Yes	No	No	DGHYMB	Yes	Yes	No	No
BUW8HP	Yes	Yes	No	No	DH79J6	No Interp	No Interp	No Interp	No Interp
BVAQP2	Yes	Yes	No	No	DJMHTJ	Yes	Yes	No	No
BW4KZQ	Yes	Yes	No	No	DLD4HN	Yes	Yes	No	No
BYGUQ6	Yes	Yes	No	No	DNAFY9	No Interp	No Interp	No Interp	No Interp
C6CJ6L	Yes	Yes	No	No	DPFBCE	Yes	Yes	No	No
C6LJV2	No Interp	No Interp	No Interp	No	DPUH2N	Yes	Yes	No	No
C79FU4	Yes	Yes	No	No	DTTHV7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CA3VZH	Yes	Yes	No	No	DU696A	Yes	Yes	No	No
CCWN99	Yes	Yes	No	No	DV4M49	Yes	Yes	No	No
CE9HL7	Yes	Yes	No	No	DV8TFH	Yes	Yes	No	No
CF8P3Q	Yes	Yes	No	No	E3K2GJ	Yes	Yes	No	No
CFAE8N	Yes	Yes	No	No	E43JLV	Yes	Yes	No	No
CFCBBM	Yes	No Interp	No	No Interp	E4GW8V	Yes	No Interp	No	No Interp
CH8YUU	Yes	Yes	No	No	E69W68	Yes	Yes	No	No
CJ29NQ	Yes	Yes	No	No	E97Y4L	Yes	Yes	No	No
CJ2MCP	Yes	Yes	No	No	E9MJQY	Yes	Yes	No	No
CMVT8V	Yes	Yes	No	No	EBAPYF	Yes	Yes	No	No
CN7F4N	Yes	No Interp	No	No Interp	EBDEEX	Yes	Yes	No	No
CQCKF4	Yes	Yes	No	No	ECL69U	Yes	Yes	No	No
CQDEAV	Yes	Yes	No	No	ECRKW9	Yes	Yes	No	No
CR92LY	Yes	Yes	No	No	EF3UQX	Yes	Yes	No	No
CRPKLJ	Yes	Yes	No	No	EG9UJG	Yes	Yes	No	No
CTGV7H	Yes	Yes	No	No	EGGWFQ	Yes	Yes	No	No
CUNGVD	Yes	Yes	No	No	EHCYJE	Yes	Yes	No	No
CWT8Y8	No Interpretations Reported, DNA Analyzed for Database purposes only.				EJ69FW	Yes	Yes	No	No
CXMVH4	Yes	Yes	No	No	EJVF3N	Yes	Yes	No	No
CYTXUV	Yes	Yes	No	No	EKX7JU	Yes	Yes	No	No
CZW3KW	Yes	Yes	No	No	EMCW9L	Yes	Yes	No	No
D3PKQB	Yes	Yes	No	No	EP84XN	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EQD2YG	Yes	Yes	No	No	G8QEE9	Yes	Yes	No	No
ETT4A	Yes	Yes	No	No	GFJMWE	Yes	Yes	No	No
EUJUJH	Yes	Yes	No	No	GG79BA	Yes	Yes	No	No
EV2AZD	Yes	Yes	No	No	GJ4FRT	Yes	Yes	No	No
EVG4ML	Yes	Yes	No	No	GJV33Q	Yes	Yes	No	No
EVW8Z8	Yes	Yes	No	No	GJWMHJ	Yes	Yes	No	No
EX7B8H	Yes	Yes	No	No	GKC74X	Yes	Yes	No	No
EX7DTF	Yes	Yes	No	No	GKC9QG	Yes	Yes	No	No
EZ6ZLH	Yes	Yes	No	No	GKK86P	Yes	Yes	No	No
F3EJ2E	Yes	Yes	No	No	GM3CH3	Yes	Yes	No	No
F49HTX	Yes	Yes	No	No	GNPNQZ	Yes	Yes	No	No
F636NB	Yes	Yes	No	No	GP8Z2Y	Yes	Yes	No	No
FBED97	Yes	Yes	No	No	GQEL46	Yes	No Interp	No	No Interp
FCHRCH	Yes	Yes	No	No	GQG7ZL	Yes	Yes	No	No
FF6XZT	Yes	Yes	No	No	GQKP6B	Yes	Yes	No	No
FF7ALJ	Yes	Yes	No	No	GRRG4W	Yes	Yes	No	No
FHYYP	Yes	Yes	No	No	GTGYQQ	Yes	Yes	No	No
FJXW3C	Yes	Yes	No	No	GTLMLQ	Yes	Yes	No	No
FJZBJQ	Yes	Yes	No	No	GWRNPU	Yes	Yes	No	No
FKQWX3	Yes	Yes	No	No	GWY77C	Yes	Yes	No	No
FL996T	Yes	Yes	No	No	GYB4WV	Yes	Yes	No	No
FLJTG6	Yes	Yes	No	No	GYVAK8	Yes	Yes	No	No
FRY8PM	Yes	Yes	No	No	GZJYZR	Yes	Yes	No	No
FT99LU	Yes	Yes	No	No	H4RT43	Yes	Yes	No	No
FUBUJV	Yes	Yes	No	No	H97HR7	Yes	Yes	No	No
FV3VG7	No Interp	No Interp	No	No	HBF2ZM	Yes	Yes	No	No
FW7ANQ	Yes	Yes	No	No	HCD39Y	Yes	Yes	No	No
FX3PWF	Yes	Yes	No	No	HCF9QZ	Yes	Yes	No	No
FXTLRH	Yes	Yes	No	No	HENAPR	Yes	Yes	No	No
FYBFTR	Yes	Yes	No	No	HFVEYN	Yes	Yes	No	No
FZ8MEH	Yes	Yes	No	No	HGJHFF	Yes	Yes	No	No
FZ9NXV	Yes	Yes	No	No	HHD9K9	Yes	Yes	No	No
G3KCDJ	Yes	Yes	No	No	HJAJHW	No Interp	No Interp	No Interp	No
G497ZG	Yes	Yes	No	No	HJBFB	Yes	Yes	No	No
G7YBMM	Yes	Yes	No	No	HJGKPH	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HK8BTQ	Yes	Yes	No	No	K92TNK	Yes	Yes	No	No
HKQKX7	Yes	Yes	No	No	KB8A8A	Yes	Yes	No	No
HLQ6VC	Yes	Yes	No	No	KBYYQX	Yes	Yes	No	No
HNQA3C	Yes	Yes	No	No	KCLKX2	Yes	Yes	No	No
HTGJBP	Yes	Yes	No	No	KFWMU6	No Interp	No Interp	No Interp	No Interp
HTGLX9	Yes	Yes	No	No	KG2WCV	Yes	Yes	No	No
HXFZMJ	Yes	Yes	No	No	KHVCBT	Yes	Yes	No	No
HZCCY6	Yes	Yes	No	No	KJCPCP	Yes	Yes	No	No
HZGHTL	Yes	Yes	No	No	KMENRN	Yes	Yes	No	No
J38Y2L	Yes	Yes	No	No	KPRQW8	Yes	Yes	No	No
JANGBM	Yes	Yes	No	No	KRYXQL	Yes	Yes	No	No
JBER2F	Yes	Yes	No	No	KTCGMC	Yes	Yes	No	No
JBLEPU	Yes	Yes	No	No	KVWWMQ	Yes	Yes	No	No
JBYJWL	Yes	Yes	No	No	KWUMBY	Yes	Yes	No	No
JEWNAJ	Yes	Yes	No	No	KX4WN4	Yes	Yes	No	No
JFMPAF	Yes	Yes	No	No	KZ7JD2	No Interp	No Interp	No Interp	No
JFVK8V	Yes	Yes	No	Inc	L4N6UF	Yes	Yes	No	No
JFYMUZ	Yes	Yes	No	No	L4NXGA	Yes	Yes	No	No
JHUK3D	Yes	Yes	No	No	L6LL2B	Yes	Yes	No	No
JJR8F	No Interp	No Interp	No Interp	No	L7GFAV	Yes	Yes	No	No
JKNQHR	Yes	Inc	No	Inc	L7UB99	Yes	Yes	No	No
JKR4MY	No Interp	No Interp	No Interp	No Interp	L87K48	Yes	Yes	No	No
JLTZB2	Yes	Yes	No	No	L8RE9B	Yes	Yes	No	No
JNC92N	Yes	Yes	No	No	L8WQ3K	Yes	Yes	No	No
JP7WL6	Yes	Yes	No	No	L9JKE4	Yes	Yes	No	No
JQ2BD4	Yes	Yes	No	No	LBAGCA	Yes	Yes	No	No
JV3QAC	Yes	Yes	No	No	LBAN6M	Yes	Yes	No	No
JX2YLV	Yes	Yes	No	No	LDA92E	Yes	Yes	No	No
JXGJCE	Yes	Yes	No	No	LDCLFH	Yes	Yes	No	No
JXK8QC	Yes	Yes	No	No	LDDEFB	Yes	Yes	No	No
JXKKKD	Yes	Yes	No	No	LE2NVX	Yes	Yes	No	No
K3BFR3	Yes	Yes	No	No	LE7CJA	Yes	Yes	No	No
K4YGCL	Yes	Yes	No	No	LH2UFV	Yes	Yes	No	No
K6JDHY	Yes	Yes	No	No	LHAW2H	Yes	No Interp	No	No Interp
K8H39K	Yes	Yes	No	No	LJ6YPE	No Interp	No Interp	No Interp	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
LJCJXL	Yes	Yes	No	No	MVDEUA	Yes	Yes	No	No
LJVHW6	Yes	Yes	No	No	MZ4X8K	Yes	Yes	No	No
LKJKD8	No Interp	No Interp	No Interp	No Interp	MZPBPB	Yes	Yes	No	No
LKKCCF	Yes	Yes	No	No	N2AHA7	Yes	Yes	No	No
LL3VFR	Yes	Yes	No	No	N2TWQA	Yes	Yes	No	No
LMUTT6	Yes	Yes	No	No	N3PAD3	Yes	Yes	No	No
LPPF7X	Yes	Yes	No	No	N69Z3R	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LQ7EB6	Yes	Yes	No	No	N8J4EA	Yes	Yes	No	No
LQADPT	Yes	Yes	No	No	N8LTLU	Yes	Yes	No	No
LRL6LF	Yes	Yes	No	No	N8YYMH	Yes	Yes	No	No
LRTWAR	No Interp	No Interp	No Interp	No	NABJ38	Yes	Yes	No	No
LTQRRF	Yes	Yes	No	No	NCR4E2	Yes	Yes	No	No
LTT684	Yes	Yes	No	No	NDZAJP	Yes	Yes	No	No
LU8H3R	Yes	Yes	No	No	NEKDL4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LUZCK4	Yes	Yes	No	No	NG34KZ	Yes	Yes	No	No
LVRDJZ	Yes	Yes	No	No	NMXPXM	Yes	Yes	No	No
LX79MQ	Yes	Yes	No	No	NNA4AH	Yes	Yes	No	No
LXE8R2	Yes	Yes	No	No	NNBW9P	Yes	Yes	No	No
LXFX3P	Yes	Yes	No	No	NNQV4E	Yes	Yes	No	No
M2R8L8	Yes	Yes	No	No	NTZ2PD	Yes	Yes	No	No
M2ZEFA	Yes	Yes	No	No	NUCRNV	Yes	Yes	No	No
M6GWKY	Yes	Yes	No	No	NW34M	Yes	Yes	No	No
M7T4TE	Yes	Yes	No	No	NW8JLJ	Yes	Yes	No	No
M7UDU8	Yes	Yes	No	No	NWFRH2	Yes	Yes	No	No
M973H2	Yes	Yes	No	No	NY8JAZ	Yes	Yes	No	No
MBG3UM	Yes	Yes	No	No	NYXYXN	Yes	Yes	No	No
MCBULZ	Yes	Yes	No	No	NZY7LF	Yes	Yes	No	No
MCGQNK	Yes	Yes	No	No	NZYH97	Yes	Yes	No	No
MCKBFU	Yes	Yes	No	No	P2FHA6	Yes	Yes	No	No
MHJE76	Yes	Yes	No	No	P2UY4M	Yes	Yes	No	No
MMJ4LZ	Yes	Yes	No	No	P2XWHA	Yes	Yes	No	No
MN7YX7	Yes	Yes	No	No	P369AJ	Yes	Yes	No	No
MQHPR4	Yes	Yes	No	No	P3KAUF	Yes	Yes	No	No
MQQRRW	No Interp	No Interp	No Interp	No Interp	P6R26M	Yes	Yes	No	No
MU9Y43	Yes	Yes	No	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
P7KB24	Yes	Yes	No	No	QQQQRZ	Yes	Yes	No	No
P9LZ26	Yes	Yes	No	No	QRVDZK	Yes	Yes	No	No
PAFNKZ	Yes	Yes	No	No	QU2ZNB	Yes	Yes	No	No
PAXXBF	Yes	Yes	No	No	QU9NMH	No Interp	No Interp	No Interp	No
PBNY4W	Yes	Yes	No	No	QVPXWW	Yes	Yes	No	No
PCBN3R	Yes	Yes	No	No	QVYBKD	Yes	Yes	No	No
PEMYXG	Yes	Yes	No	No	QWPEBZ	Yes	Yes	No	No
PERMMT	Yes	Yes	No	No	QWUAZK	Yes	Yes	No	No
PGZLB9	Yes	Yes	No	No	QXPCP2	Yes	Yes	No	No
PHY94M	Yes	Inc	No	Inc	QXPQE3	Yes	Yes	No	No
PKHKL	Yes	Yes	No	No	QXWU7K	Yes	Yes	No	No
PLKQ36	Yes	Yes	No	No	R9K9H9	Yes	Yes	No	No
PLTQ2R	Yes	Yes	No	No	R9RNY3	Yes	Yes	No	No
PM6PWZ	Yes	Yes	No	No	R9ZBN3	Yes	Yes	No	No
PMJ4CW	Yes	Yes	No	No	RAGJDB	Yes	Yes	No	No
PNMZ88	Yes	Yes	No	No	RDT9HY	Yes	Yes	No	No
PPC4KU	Yes	Yes	No	No	RE2J2W	No Interp	No Interp	No Interp	No Interp
PQ6Y3W	Yes	Yes	No	No	RFRMRH	Yes	Yes	No	No
PQ7R3P	No Interp	No Interp	No Interp	No	RGXAQW	Yes	Yes	No	No
PTU3ZA	Yes	Yes	No	No	RH77R8	Yes	Yes	No	No
PZCNTD	Yes	Yes	No	No	RHRZUQ	Yes	Yes	No	No
Q6J32G	Yes	Yes	No	No	RJFZPT	Yes	Yes	No	No
Q733QL	Yes	Yes	No	No	RMM9D6	Yes	Yes	No	No
Q743KU	Yes	Yes	No	No	RNNDEE	Yes	Yes	No	No
Q7BK4X	Yes	Yes	No	No	RP6H44	Yes	Yes	No	No
Q969LT	Yes	Yes	No	No	RQGCJ6	Yes	Yes	No	No
Q98E39	Yes	Yes	No	No	RRBJ6A	Yes	Yes	No	No
QALAUE	Yes	Yes	No	No	RTKY93	Yes	Yes	No	No
QGVPGN	No Interp	No Interp	No Interp	No	RVF3AW	Yes	Yes	No	No
QGXH6N	Yes	Yes	No	No	RW9L7A	Yes	Yes	No	No
QKBBV4	Yes	Yes	No	No	RXCBYR	Yes	Yes	No	No
QL63YM	Yes	Yes	No	No	RXV8FX	Yes	Yes	No	No
QLFDCM	Yes	Yes	No	No	RY7YHM	Yes	Yes	No	No
QM8JQR	Yes	Yes	No	No	T3TYP9	No Interp	No Interp	No Interp	No
QN4YYH	Yes	Yes	No	No	T3TZDM	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
T3U7YB	Yes	Yes	No	No	UAYGPR	No Interp	No Interp	No Interp	No Interp
T4YLKZ	Yes	Yes	No	No	UBQHNN	No Interp	No Interp	No Interp	No Interp
T6HU73	Yes	Yes	No	No	UCKPV2	Yes	Yes	No	No
T7CHNX	Yes	Yes	No	No	UCLWH9	Yes	Yes	No	No
T83QKM	Yes	Yes	No	No	UD7LWM	Yes	Yes	No	No
TBEABV	Yes	Yes	No	No	UDRHJ2	Yes	Yes	No	No
TBK3BC	Yes	Yes	No	No	UFVP4L	Yes	Yes	No	No
TCE834	Yes	Yes	No	No	UG7RQK	Yes	Yes	No	No
TCH4MV	Yes	Yes	No	No	UJAFYV	Yes	Yes	No	No
TCQXNF	Yes	Yes	No	No	ULHTK3	Yes	Yes	No	No
TD6BGJ	Yes	Yes	No	No	ULL4M2	Yes	Yes	No	No
TDQFX3	Yes	Yes	No	No	UMR7BX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TFJZEB	Yes	No Interp	No	No Interp	UMUXA9	Yes	Yes	No	No
TFN42F	Yes	Yes	No	No	UPMZK9	Yes	Yes	No	No
TFVKGC	Yes	Yes	No	No	UPYZZP	Yes	Yes	No	No
TGE9DY	Yes	Yes	No	No	UQFXN9	Yes	Yes	No	No
THN7WH	Yes	Yes	No	No	UQTNHL	No Interp	No Interp	No Interp	No
TJE7HD	Yes	Yes	No	No	UT4HP7	Yes	Yes	No	No
TLLVW3	Yes	Yes	No	No	UVM7RD	Yes	Yes	No	No
TM4LG9	Yes	Yes	No	No	V34DY3	Yes	Yes	No	No
TMDETG	Yes	Inc	No	Inc	V4VEXX	Yes	Yes	No	No
TMFNNE	Yes	Yes	No	No	V64EP4	Yes	Yes	No	No
TX7D9T	Yes	Yes	No	No	V68U7D	Yes	Inc	No	Inc
TZ3VKF	Yes	Yes	No	No	V73WYF	Yes	Yes	No	No
TZMVX2	Yes	Yes	No	No	V7HWUW	Yes	Yes	No	No
TZURUH	Yes	Yes	No	No	V7U4RQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TZWH3L	Yes	Yes	No	No	V8L6MG	Yes	Yes	No	No
U2CJVM	Yes	Inc	No	Inc	V8QHEJ	Yes	Yes	No	No
U3QTLJ	Yes	Yes	No	No	VA79U3	Yes	No Interp	No	No Interp
U3WCVM	No Interp	No Interp	No Interp	No Interp	VBMLVY	Yes	Yes	No	No
U4GYYP	Yes	Yes	No	No	VC738Q	Yes	Yes	No	No
U4RQN8	Yes	Yes	No	No	VCMKLC	Yes	Yes	No	No
U7Z7TR	Yes	Yes	No	No	VDNUWW	Yes	Yes	No	No
UA44WC	Yes	Yes	No	No	VECBQJ	Yes	Yes	No	No
UAVGP7	Yes	Yes	No	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VFY4CL	Yes	Yes	No	No	WME48N	Yes	Yes	No	No
VHWRCG	Yes	Yes	No	No	WNBYRY	Yes	Yes	No	No
VJ3TW8	Yes	Yes	No	No	WPZEYW	Yes	Yes	No	No
VJE48L	Yes	Yes	No	No	WQ2K2V	Yes	Yes	No	No
VJNRAT	Yes	Yes	No	No	WRNGPM	Yes	Yes	No	No
VJUZYK2	Yes	Yes	No	No	WU764M	No Interp	No Interp	No	No
VJWKCB	Yes	Yes	No	No	WUFEE8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VKB2TK	Yes	Yes	No	No	WUYAUM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VKVP7A	Yes	Yes	No	No	WWTD43	Yes	Yes	No	No
VKY7JZ	Yes	Yes	No	No	WXL2Q6	Yes	Yes	No	No
VLQ8JW	Yes	Yes	No	No	WXPN4C	Yes	Yes	No	No
VMQ6XX	Yes	Yes	No	No	WYZ772	Yes	Yes	No	No
VMVGY2	Yes	Yes	No	No	WZ9EX9	Yes	Yes	No	No
VWQZP3	No Interp	No Interp	No Interp	No	WZDQWQ	Yes	Yes	No	No
VXPJWW	Yes	Yes	No	No	X22GQ4	Yes	Yes	No	No
VYJCL8	Yes	Yes	No	No	X4MERE	Yes	Yes	No	No
W3WQYZ	Yes	Yes	No	No	X4TJN6	Yes	Yes	No	No
W47XY8	Yes	Yes	No	No	X6XENA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
W49N44	Yes	Yes	No	No	X7JP2N	Yes	Yes	No	No
W4QLDV	Yes	Yes	No	No	X8KK2X	Yes	Yes	No	No
W4TP47	Yes	Yes	No	No	X9Q6EL	Yes	Yes	No	No
W6KQ33	Yes	No Interp	No	No Interp	XAMRDQ	Yes	Yes	No	No
W7K8LE	Yes	Yes	No	No	XBUK2R	Yes	Yes	No	No
W7NM3L	Yes	Yes	No	No	XCHAW6	Yes	Yes	No	No
W7QQVH	No Interp	No Interp	No Interp	No Interp	XCKMCT	Yes	Yes	No	No
W7TFZE	Yes	Yes	No	No	XD3K8P	Yes	Yes	No	No
W8DLRY	Yes	Yes	No	No	XG22KE	Yes	Yes	No	No
W9MQ4Z	Yes	Yes	No	No	XKCFP7	Yes	Yes	No	No
W9V6YW	Yes	Yes	No	No	XN944R	Yes	Yes	No	No
WBAPKX	Yes	Yes	No	No	XQ3HLX	Yes	Yes	No	No
WE289A	Yes	Yes	No	No	XTJDXG	No Interp	No Interp	No Interp	No Interp
WEEUHY	Yes	Yes	No	No	XU67D7	Yes	Yes	No	No
WFLTBZ	Yes	Yes	No	No	XW49Q2	No Interp	No Interp	No Interp	No
WG77E6	Yes	Yes	No	No					
WGYHFX	Yes	Yes	No	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XWAFFG	Yes	Yes	No	No	ZUD83C	Yes	Inc	No	Inc
XY8VHK	Yes	Yes	No	No	ZUMKHL	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XZB9RZ	Yes	Yes	No	No	ZW26PN	Yes	Yes	No	No
Y3B2WJ	Yes	Yes	No	No	ZWUZQD	Yes	Yes	No	No
Y4ARG7	Yes	Yes	No	No	ZXMYJ	Yes	Yes	No	No
Y4MTT7	Yes	Yes	No	No	ZXMZL3	Yes	Yes	No	No
Y7P6FT	Yes	No Interp	No	No	ZXNNA9	Yes	Yes	No	No
Y9XMTJ	Yes	Yes	No	No	ZZPGPU	Yes	Yes	No	No
YAB2XR	No Interpretations Reported, DNA Analyzed for Database purposes only.								
YAWPZ2	Yes	Yes	No	No					
YE39FZ	Yes	Yes	No	No					
YGP68R	Yes	Yes	No	No					
YJTK9B	Yes	Yes	No	No					
YJW6YX	Yes	Yes	No	No					
YKQD8V	Yes	Yes	No	No					
YPLMEU	Yes	Yes	No	No					
YQ7AGB	Yes	Yes	No	No					
YVP4WA	Yes	Yes	No	No					
YVTNZ6	Yes	Yes	No	No					
YXEADZ	Yes	Yes	No	No					
YZM498	Yes	Yes	No	No					
Z2BWL3	Yes	Yes	No	No					
Z2RXJX	Yes	Yes	No	No					
Z4NCHZ	Yes	Yes	No	No					
Z6BPFD	No Interp	No Interp	No Interp	No					
Z9B2QX	Yes	Yes	No	No					
ZB2YRW	Yes	Yes	No	No					
ZFZ9HQ	Yes	Yes	No	No					
ZGK6MH	Yes	Yes	No	No					
ZKDTLQ	Yes	Yes	No	No					
ZL4YZW	Yes	Yes	No	No					
ZLDABF	Yes	Yes	No	No					
ZLZJJP	Yes	Yes	No	No					
ZTUWVJ	Yes	Yes	No	No					
ZUAYZW	Yes	Yes	No	No					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 731			
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>				
	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	666	644	0	0
No	0	0	669	667
Inc	0	8	2	12
No Interpretation	48	62	43	35
No Response	0	0	0	0

Participants analyzing DNA for database purposes only: 17

Additional Comments

TABLE 8

WebCode	Additional Comments
23TXPF	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction and quant. No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation.
26MLJW	Items 1 and 3 were not amplified. No male DNA detected on quantitation results for these items. As such, items 1 and 3 processing stopped at quantitation step and no profiles available for interpretation and comparison.
28VA42	Serology, YSTR, and mito testing were not performed.
28VVEZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
28XC6K	According to [Laboratory] Forensic Biology Interpretation policies, the DYS391 locus in the Fusion kit is reported as INC. Any labeled peaks seen in the questioned stain(s) or item(s) which are likely due to PCR/STR artifacts are not reported or not used for conclusions or comparisons. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range.
28YR9R	A team approach was used. NR = No Result.
2CFWFK	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Male Screening was performed manually on items 3 and 4 utilizing the Plexor HY Quantification kit. Male screening analysis/interpretation completed using previously prepared samples.
2E7DFK	MS and Y-STR interpretation only performed, analytical labwork performed by another analyst.
2F6QMU	NR= No Results
2GNKEW	Item 4: ALS(-), but semen(+). Only serological testing performed.
2HAK6C	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.
2LCE6Z	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.
2THHG2	Testing only performed using technologies identified on scope of accreditation. Extra peak (15.2) observed at D19S433. Identified as high stutter and not included in results.
2UUGXY	Only serological testing performed.

TABLE 8

WebCode	Additional Comments
2VWYGE	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
2ZFHPU	Item 4 sperm fraction (F2): A/TA (31) observed at D21. The minor component at the following loci is not suitable for comparison due to the potential drop out of a sister allele: vWA, D16,TPOX, D21, D19, FGA, D5, D13, D10, D1, D12 and D21338-these minor alleles are reported in the table above but would not be suitable for statistics. The minor component in the sperm fraction is consistent with differential carryover. Item 4 epi (F1): vWA would not be suitable for a mixture statistic due to being unable to rule out stutter masking of a sister allele; all called alleles reported in the table above
2ZFWGG	ND – Allele(s) not detected
3A2P2C	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. DYS391 is reported as INC for the PowerPlex Fusion system as per laboratory policy.
3A87QG	Only Analytical DNA was performed on items 1,2,3 and 4. Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. Completed DNA analysis on previously prepared samples. Analytical Testing completed includes: -Robotic extraction and purification with Qiagen EZ1/EZ2 Investigator Kit with Qiagen EZ1 Advanced XL robotic workstation. -Real-time PCR 7500 with Robotic (Qiagility) setup for Plexor HY. -Thermal Cycler with Robotic (Qiagility)/Manual setup for Investigator 24plex. -Genetic Analyzer 3500/3500xl Manual setup for Investigator 24plex. Did not complete the manual differential extraction due to not being authorized in the method.
3B9ZMU	Biology Screening performed by [Name] and Reviewed by [Name]. (knowns and blood/trace samples) DNA extraction, quant, amp and detection performed by [Name] and reviewed by [Name]. (differential samples) DNA extraction, quant, amp and detection performed by [Name] and reviewed by [Name]. DNA results analyzed by [Name] and reviewed by [Name].
3DUP6L	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
3G4R8X	Reporting STRmix results with STRmix filters on. Item 4 epithelial cell fraction has carryover from sperm cell fraction.
3HJHME	Only serology testing was performed.
3HL77E	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
3J6TW9	GMIDX analysis performed with stutter filters on. This laboratory does not perform Y-STR or mitochondrial DNA testing.
3LRGBU	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
3QDJ4T	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
3QWADC	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
3QYXWC	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
3R6Y84	reporting results with stutter filters on
3RJXC9	Serology, mtDNA, and Y-STR testing not performed.
4284N7	Per [Laboratory] guidelines, mtDNA results for Item 4 is a mixture of more than one contributor. The data is inconclusive. INC means inconclusive. A team approach was used.
43QZDB	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
48FM4A	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls for both donors were observed in the profile due to the incomplete separation.
4AQ98H	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
4EV77X	INC=inconclusive. Missing persons reports mixtures as inconclusive and therefore no interpretation was made between item 4 and items 1 and 2.
4GXFRZ	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Naming Convention] (Item 1) and [Laboratory Specific Naming Convention] (Item 2), if at any point evidentiary samples should become available for comparison.
4KCBTJ	The 42 allele at DYS518 for Item 4 sperm fraction is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile.
4RA8CF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
4ZR8W7	INC=Inconclusive. Per [Laboratory] guidelines, mtDNA results for item 4 are a mixture of more than one contributor. The data are reported as inconclusive. No autosomal or Y-STR testing was performed. A team approach was used.
637Q7F	The 21 allele at SE33 for Item 4e is defined per laboratory protocol as data not impacting the interpretation of results for the profile. This peak was further modeled probabilistically using STRmix to support this interpretation.
6B7JPU	() = stutter or true allele. NR = no result. A team approach was used.
6EHDGK	Items 3 and 4 not processed. No serology or mito testing performed.
6GNF83	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
6LFPDU	Exh. 1 (female reference standard) amplified for Database purposes only; not used for Y-STR analysis. Exh. 2 (male reference standard) amplified for both Database and Y-STR analysis purposes. The following exhibit was not processed further due to insufficient quantities of male DNA detected: [3].
6MPQ8F	Male screening interpretation performed only, male screening lab work performed by another analyst.
6MQGH6	For item 4 (sperm fraction)- CSF1PO and D5S818 contain possible stutter peaks. But due to not interpreting minor contributor in this fraction, left the calls in my CTS paperwork.
6YRXCf	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
738Q2D	For powerplex fusion results, DYS391 is reported as INC, as per our laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported.
74LMHY	Serology, mtDNA, and Y-STR not performed. --- = Possible Additional Allele(s)
76QHUB	Item 4 is being reported as inconclusive due to observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
783Z8L	Item 3 and 4 were also analysed using Minifiler and LCN Identifier Plus. The results from these tests were concordant with the Identifier Plus results reported here. Imbalance was observed at the multi copy loci, DYS385 and DYF387S1 of the Yfiler Plus typing for item 2.
78NGT9	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
78R37F	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
7JWTP6	[] - indicates minor allele(s) and/or allele(s) between analytical and stochastic thresholds. NA - indicates not applicable.
7K7ZPC	NA=not applicable
7N6PCX	Serology, mtDNA, Y-STRs, and STRmix not performed.
7TJCXN	Item 4: mitochondrial DNA testing not performed as STR analysis resulted in a mixture.
7UPEQT	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
7WH7XX	Reporting results with stutter filters on
829XM7	reporting with stutter filters on
83M4QG	NR=no result
8CPQX9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
8L7NBR	ND= Not Detected
8MQRE8	Sample 04A (Item 4) was sampled from two different locations for two separate extraction events. The two extractions of sample 04A generated two different results. The first extraction shows a low level mixture. This laboratory does not interpret mitochondrial DNA mixtures. The second extraction showed no evidence of mixture that is above the background. The sequence generated for the second extraction is consistent with that of 01A (Item 1), the reference sequence of the Victim. 04A possibly originated during a sexual assault. This lab does neither presumptive testing for the source of a stain, nor differential extractions. Given the discrepant results between 04A1 and 04A2, the sample will be reported as inconclusive.
8N3CBN	# indicates subtraction of corresponding fraction
8TTFRL	The 13 allele reported at D16S539 for Item 3, bloodstain from pants, is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile.
8VGRTC	NA= Not Applicable. []= minor alleles or alleles below stochastic threshold.
8XZ393	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
8YYR9R	[Name] performed the screening portion of the exam. [Name] performed the DNA analysis portion of the exam. Biology was reviewed by [Name]. DNA was reviewed by [Name].
8YZUUP	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
93U66F	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
94VG4C	Fusion and Y-Filer testing was performed on all items, producing concordant results at DYS391 between the kits.
96D9N7	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in both fractions, resulting in a mixture profile.
98EB6J	Items 3 & 4 were not processed.
98QBYQ	4NS mixture proportion: 54:46.
9BCFRG	DY391 is reported as INC for the PowerPlex@Fusion System as per our laboratory policy. Any labeled peaks seen in the samples that are likely due to PCR/STR artifact were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio results in the uninformative range.
9E34L2	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
9ECLBU	Reporting with stutter filters on.

TABLE 8

WebCode	Additional Comments
9HHEHU	A team approach was used. NA = Not Applicable. INC = Inconclusive. The Missing Persons Unit reports mixtures as inconclusive; therefore, no interpretation was performed on Item 4 and no data comparisons were made between Item 4 and Items 1 and 2.
9L8APR	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No Result
9M6UX7	reporting with stutter filters on
9PAP2G	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
9XYCZZ	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
A3TMLB	The 20 allele reported at D18S51 for Item 4 F1 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
A8JVZQ	NR = no result
A9R7RM	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
ADBCGA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
AGGUWJ	Reporting STRmix results with stutter filters on. Sperm cell fraction carryover observed in epithelial cell fraction.
AH3M8Z	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
AKDFNL	NR = no results. ALS was performed on item 4, which was negative. However, based on the positive results of AP, PSA, and micro, my conclusion is item 4 is positive for semen.
AL6TBT	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Naming Convention] (Item 1) and [Laboratory Specific Naming Convention] (Item 2), if at any point evidentiary samples should become available for comparison.
APNEZM	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.

TABLE 8

WebCode	Additional Comments
AUEZGN	NR=no results
AVEDHV	A team approach was used.
AWK9XL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
AXK6P4	Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification. Male screen testing performed by a qualified Forensic Biologist. Results analyzed by the DNA analyst.
AZZP3J	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Every allele given weight as a possible true allele during the probabilistic genotyping deconvolution that is present in the table in the STRmix output file was reported. This includes any potential stutter peaks that maybe have been given weight during the development of the genotype probability distribution table. Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
B4FTF8	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
B4PWGL	A team approach was used. NR=No Result.
B69HP2	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
B86WN7	Extraction: Item 1 and Item 2 were extracted in situ method. Item 3 was extracted using QIA Symphony DNA Investigator Kit (bloodstain extraction method). Item 4 was extracted using chelex extraction (differential method). Quantification: Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification kit on RT-PCR QuantStudio 5 System. Amplification: Item 1 and Item 2 were amplified using Globalfiler Express (GFE) kit on ABI Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler were carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3500xL for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM - Non Male allele.
BA4BTH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BCAX99	The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BE7JP2	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.

TABLE 8

WebCode	Additional Comments
BEYTX	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
BH2XWB	Only Male Screening and YSTR interpretations performed. All labwork performed by another analyst.
BHVMMWY	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
BJTXR2	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
BP2HT6	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR=No results
BTEE69	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
BU7DGL	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
BUFCBJ	NR = no result. Item 4 was tested in mtDNA, but due to results obtained were not reported. Cell fraction produced a mixture and is inconclusive. The sperm fraction failed to produce a profile, and due to the availability of reagents it could not be re-processed.
BUFZKM	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 profile was obtained for the items noted however, only the profiles obtained for the common ranges of HVR 1 (16024-16365) and HVR2 (73-340) will be reported on the mtDNA tab. The whole genome profiles are available for Items 1, 2, and 3 if needed. A mtDNA mixture was obtained for Item 4, therefore no interpretation was performed. To see the whole genome profiles please see file [Laboratory Specific Naming Convention].
BW4KZQ	ND = Not Detected
BW7KFD	This CTS was serology only.
C6LJV2	Male screening and Y-STR interpretation only performed by this analyst, analytical labwork performed by another analyst.
C79FU4	Serology, Y-STR, and Mito testing was not performed.

TABLE 8

WebCode	Additional Comments
CE9HL7	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
CFCBBM	Items 1 through 4 were only processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. No interpretation can be made between Items 1 and 4 and Items 2 and 4. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
CJ2MCP	NR = Not Reported
CMVT8V	Serology, Mito, and Y-STRs not performed.
CN7F4N	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 4 is not reported, no interpretation can be made between Items 1 & 4 and Items 2 & 4. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
CQCKF4	NR = No results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
CQDEAV	Reporting with stutter filters on.
CRPKLJ	NR=no results. # indicates subtraction of the corresponding sperm fraction.
CYTXUV	Reported with stutter filters on
CZW3KW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
D73HZJ	Item 4 Semen Testing: ALS (-) but item was AP (+)/PSA(+)/Micro(+). Y-STR and Mito testing not performed.
DB74BL	NR = No results. ** = possible elevated stutter.
DGE8J9	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
DGHYMB	NID=No interpretable data. Carry-over from F1 fraction present in F2 fraction. Note: inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3 1s_U; Item 4 F1 1sU_UU; Item 4 F2 1sU_UU. Per FBU policy, statistical analysis would not be conducted in casework as items 3 and 4 are from items belonging to the victim. Statistics were calculated for proficiency test purposes only. Modified Rapid DNA analysis was conducted on items 1 and 2.

TABLE 8

WebCode	Additional Comments
DH79J6	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation.
DNAFY9	Male screening analysis/interpretation completed using previously prepared samples. Male screening processing was performed manually on items 3 and 4 utilizing the Plexor HY Quantification Kit. Male screening interpretation results were reported on test [Laboratory Specific Naming Convention]. Completed DNA analysis on previously prepared samples. Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. DNA Extraction & Purification: Qiagen EZ1&2 Investigator Kit with Qiagen EZ1 Advanced XL, ERASE Kit with QIAamp Mini kit manually. DNA Quantification: Plexor HY Kit with Qiagility setup on real-time PCR 7500. DNA Amplification: 24plex Kit with Qiagility and manual setup on Veriti Thermal Cycler. DNA Capillary Electrophoresis: manual setup with 24plex Kit on Genetic Analyzer 3500
DPFBCE	DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. As per policy regarding male screening- when running female-only samples, if low-level values are present in the male channel, this may be a false positive.
DPUH2N	NR = no results detected. NT= locus not tested. For results interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
DU696A	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DV4M49	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 Fusion System as per laboratory policy.
E43JLV	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
E4GW8V	INC = inconclusive; mtDNA results were a mixture for item 4 and per policy, mtDNA mixtures are reported as inconclusive. NA = not applicable/not tested.
E97Y4L	Item 4 sperm cell fraction carry over into epithelial cell fraction of differential extraction.
EBAPYF	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
ECL69U	Serology, Y-STR testing and Mitochondrial DNA testing not performed.
EF3UQX	reporting with stutter filters on. Mito and Y's not performed at this laboratory.
EGGWFQ	Serology, mito, and Y-STR testing not performed.
EJ69FW	Serology, mito, and Y-STR not performed.
EV2AZD	A team approach was used. Within the data table for Item 1 and Item 3, NR = no results.
EVW8Z8	Fusion 5C and Yfiler testing were performed on Items 01A, 02A, 03A, and 04A. All samples were concordant between kits at Dys391.
EZ6ZLH	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
F3EJ2E	NR = No Results
F49HTX	Minifiler profiles obtained for items 3 and 4 were concordant with Fusion profiles at the overlapping loci. The low copy number Yfiler profile and/or the Yfiler profile for items 2 and 4 were concordant with Fusion profiles at DYS391. Low copy number Yfiler profile for item 4 was concordant with the Yfiler profile obtained.
F636NB	No further DNA testing was performed on the DNA extract obtained from the pants stain (Item 003) sperm fraction due to an insufficient amount of human DNA.
FB6YZA	Per internal testing instructions, Saliva testing was not performed on Items 3 and 4.
FBED97	Reporting with stutter filters on.
FF7ALJ	A team approach was used. NR = no result; INC = inconclusive.
FJZBJQ	Serology, mito, and Y-STR not performed.
FKQWX3	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
FLJTG6	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
FX3PWF	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.
FXTLRH	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
FZ9NXV	N/A - Not Applicable. [] - indicates minor allele/s and alleles between analytical and stochastic thresholds.
G3KCDJ	NR = No Results. ** = May be attributed to elevated stutter.
G497ZG	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 were extracted using DNA QIA Symphony DNA Investigator kit on QIA Symphony SP. Quantification: 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 and Item 2 were amplified using Globalfiler Express PCR Amplification Kit on ABI Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 4 were amplified using AmpFLSTR Y-filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis for Globalfiler Express products of Item 1 and Item 2, Globalfiler PCR products of Item 3 and Item 4 and Yfiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3500xl. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out during analysis and all gave intended results. NM: Non-male allele.

TABLE 8

WebCode	Additional Comments
GG79BA	NR denoted no results. Full profiles were obtained for the epithelial and sperm fraction, however, there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
GHMYLL	Team approach used. Male screening processing and interpretation only.
GKC74X	DYS391 is reported INC for all samples tested using PowerPlex® Fusion kit per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
GKC9QG	Mito testing was not performed.
GKK86P	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
GP8Z2Y	DYS391 locus was reported as INC for Fusion profiles for all samples as per Laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions and comparisons.
GQEL46	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
GQG7ZL	Serology, Mitochondrial DNA, and Y-STR testing not performed.
GQKP6B	# indicates associated fraction subtracted. ^ indicates allele below stochastic threshold.
GRRG4W	Per lab policy, DYS391 is reported as INC using the PowerPlex Fusion amplification kit. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts are not reported.
GT7DKH	Item 4: ALS (-), but semen (+). Only serological testing performed.
GTGYQQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GWY77C	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GYB4WV	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.
GZJYZR	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
H4RT43	Male Screening was performed manually on items 3 and 4 utilizing the Plexor HY Quantification kit. Male screening analysis/interpretation completed using previously prepared samples. Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. DNA interpretation was completed on previously analyzed samples.
H97HR7	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction procedure or from a non-sperm source of DNA. No alleles are present that cannot be attributed to the female contributor or the male donor to the sperm fraction.

TABLE 8

WebCode	Additional Comments
HCD39Y	Serology not performed, mito not performed, Y-STR not performed.
HENAPR	For powerplex fusion results, DYS391 is reported as INC, as per our laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported.
HHD9K9	The 15.2 allele reported at D19S433 for Item 4 epi is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. The 13 allele reported at D7S820 for Item 4 epi is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
HJAJHW	male screen testing performed by forensic biologist but interpreted by DNA analyst. Per policy, this proficiency test covers YFiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
HJBJFB	The 14 allele reported at D5S818 for Item 4 (e fraction) is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRMix to support this interpretation.
HK8BTQ	serology not performed, mito not performed, Y-STR not performed. --- = Possible Additional Alleles.
HLQ6VC	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
HNQA3C	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.
HQD2XG	Item 4: ALS negative but semen positive. Only serology performed.
HZCCY6	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction.
J38Y2L	The quantity of DNA detected in the sperm fraction of the sample extract from Item 3 indicated that there was an insufficient amount of DNA for amplification and did not warrant further analysis. No amplification of the sperm fraction was performed as per laboratory protocol. A third allele (15.2 @ D19S433) was detected and called by the GeneMapper ID-X software in the sperm fraction of Item 4. I did not included this allele in the reporting of my results as I determined it to be the result of excessive stutter and pull-up.
J4Z9VH	Only Serology was performed. Item 4: ALS negative but semen positive.
JANGBM	Reporting results with stutter filters on.
JBLEPU	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
JBYJWL	reporting results with stutter filters on

TABLE 8

WebCode	Additional Comments
JEWNAJ	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.
JFVK8V	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for all samples tested with the Powerplex Fusion kit per lab policy. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range.
JJRB8F	Test was done using Flexplex27 on an ANDE Instrument. No results were obtained for Item #3, therefore no interpretation as to inclusion or exclusion can be made for Item #3. The Epithelial Fraction of Item #4 was not typed, therefore no interpretation can be made as to the inclusion or exclusion of the Victim on Item 4.
JKNQHR	Item 4 is reported as inconclusive due to the presence of a low level mixture. This laboratory does not interpret mtDNA mixtures.
JKR4MY	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction and quant. No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation.
JLTZB2	The 27.2 allele reported at SE33 for item 4e is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further modeled probabilistically using STRmix to support this interpretation.
JP7WL6	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
JQ2BD4	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction.
JX2YLV	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
JXKKKD	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
K3BFR3	NID = no interpretable data. Modified Rapid DNA analysis was conducted on items 1 and 2 using the ANDE Rapid DNA System and I-chip with FlexPlex chemistry (item 1) and RapidHIT ID System and ACE GlobalFiler Express cartridge (item 2). All inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used however, to calculate a likelihood ratio on the following propositions: Item 3 - 1s_U, Item 4f1 - 1sU_UU. In the normal course of casework, the victim (item 1) would have been conditioned upon for both items 3 and 4.
K6JDHY	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
KCLKX2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
KG2WCV	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 page "Part II (continued): DNA Analysis – Additional DNA" [Table 4: Additional DNA Results], questions for item 3 and 4 were answered accordingly, however, no additional DNA locations were tested. Therefore, no information is entered into the form for this section.
KHVCBT	Serology not performed, mito not performed, Y-STR not performed.
KPRQW8	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
KRYXQL	Reporting results with stutter filters on
KX4WN4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
L4NXGA	NT = not tested. NR = no results.
L7GFAV	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.
L7UB99	NR= no results
L8RE9B	A team approach was used. NR=no results.
L8WQ3K	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LBAGCA	DNA profile of suspect was different from the male DNA profile observed in the mixed profiles of item 4.
LDA92E	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
LDDEFB	NR - no result
LE2NVX	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LE7CJA	Item 3 - Called allele 11 at D19S433 was removed due to be considered an artifact. Item 4 (e): -Allele 25.2 at SE33 is below analytical threshold when stutter is removed. Labeled as possible artifact (elevated stutter) or a possible true allele. Therefore, this minor allele is not suitable for comparison as per current laboratory protocol. Item 4 (e): Data at loci D3S1358, vWA, D16S539, CSF1PO, D8S1179, D21S11, D18S51, D2S441, D19S433, D22S1045, D1S1656 and D12S391 are not suitable for comparison as per current laboratory protocol due to major and minor component not separated. Item 4 (Sp): -Allele 16 at D3S1358, allele 31 at D21S11, allele 9 at TH01, allele 23 at FGA, allele 10 at D7S820 fell below analytical threshold when stutter is removed. These peaks were labeled as possible artifact (elevated stutter) or possible true alleles. Therefore, these minor alleles are not suitable for comparison as per current laboratory protocol.

TABLE 8

WebCode	Additional Comments
LHAW2H	INC=inconclusive. MtDNA results for item 4 are a mixture of more than one contributor. The data are reported as inconclusive therefore no interpretation was made between items 1 and 4 and between items 2 and 4.
LJ6YPE	Forensic Biologist performed the screen test and male screen benchwork. DNA analyst performed the male screen analysis. AP test for item #3 was inconclusive due to an indeterminate result and/or substrate interference. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
LMUTT6	In the sperm fraction of Item #4 the 14 allele @ D13S317 is consistent with carryover from victim in non-sperm fraction. The 12 allele @ CSF1PO is above stutter % cut-off but is in forward/reverse stutter position. Peak is not consistent with victim's profile. Peak is below drop-in cap. No indication of another contributor elsewhere in profile or below analytical threshold.
LPPF7X	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LQADPT	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LRL6LF	NR= No Result
LRTWAR	Male Screen testing was performed by a qualified forensic biologist and results analyzed by test participant DNA analyst. DNA testing was performed by a qualified DNA analyst and results analyzed by test participant DNA analyst.
LTQRRF	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.
LTT684	DYS391 was deemed INC as per laboratory protocol. Any labeled peaks seen in the samples that are likely due to PCR/STR artifacts were not reported. At D19S433 in the questioned stain from passenger seat (blue) fraction 1, allele 14 was filtered out because it falls in stutter position.
LVRDJZ	NID = No Interpretable data. STRmix was not used to generate inclusions and exclusions. Statistics run for proficiency test purposes. Per FBU protocol would not need to run statistics for items 3 and 4 as both items of evidence meet the FBU conditions for assuming an individual present in a sample and a statistic could be calculated at a later date upon request. Statistics Generated: Item 3: 1s_U Item; 4f1: 1sU_UU; Item 4f2: 1sU_UU. Item 2s run on ANDE rapid instrument.
LX79MQ	Item 01-04-AA in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LXE8R2	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
M2R8L8	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
M2ZEFA	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.
M7UDU8	Material digest performed on Item 4 due to excessive dropout of contributors on the epithelial fraction of the differential extraction. Material digest results reported as e fraction for both GlobalFiler and Yfiler Plus. Sperm fraction of differential performed as expected, therefore, sperm fraction reported out as s fraction.
M973H2	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
MBG3UM	[]- indicates minor allele/s and alleles between analytical and stochastic thresholds. NA= Not applicable.
MCBULZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MCKBFU	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported DYS391 is reported as INC for PowerPlex Fusion System as per laboratory policy.
MCY8WF	Only serology performed. Item 4: ALS negative, semen positive.
MHJE76	Item 3 was also analysed using Minifiler and low copy number Identifiler Plus. The results of this testing were concordant with the standard Identifiler Plus results.
MMJ4LZ	DYS391 is reported as INC for PowerPlex Fusion results as per lab policy. Any labeled peaks seen that are likely due to PCR/STR artifacts were not reported and will not be used for comparison or conclusions.
MN7YX7	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
MQQRRW	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction and quant. No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. The contribution from the female donor to this mixture may be partial at one or more loci. An authorized DNA analyst used STRmix to obtain a likelihood ratio that supports the inclusion of the female donor.

TABLE 8

WebCode	Additional Comments
MVDEUA	Extraction: Item 1 and Item 2 were extracted on FTA card (in-situ extraction). Item 3 was extracted using QIAAsymphony DNA Investigator Kit on QIAAsymphony SP System. Item 4 was extracted using QIAAsymphony DNA Investigator Kit on QIAAsymphony SP System (differential extraction method). Quantification: 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 STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler amplicons were carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer amplicons were carried out on Genetic Analyzer 3500xL for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM - non male
MZPBPB	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.
N2AHA7	Mitochondrial DNA, Y-STR, and Y screening are not currently performed at the [Laboratory].
N8LTLU	Concordance observed between all overlapping loci for Items 3-4 in both MiniFiler and Fusion amplification kits. Concordance observed between locus DYS391 for Items 2 and 4 in Y Filer and Fusion amplification kits. Concordance observed between all loci for Item 4 in both Y Filer and LCN Y Filer kit amplifications.
N8YYMH	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
NCR4E2	NR = No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
NCUTJX	Y-Screening conducted only on item 3 and item 4. Male DNA was not indicated on item 3. Male DNA was indicated on Item 4.
NDZAJP	Item 4 (stain from car passenger seat) in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
NEKDL4	Items 3 and 4 not processed.
NG34KZ	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction of a non-sperm source of DNA from the donor of the sperm fraction. No alleles are present that cannot be attributed to the victim or the donor of the sperm fraction.
NNBW9P	serology not performed, mito not performed, Y-STR not performed
NNTX8W	Biology testing performed. Male screening preparation, male screening processing (analytical) and male screening interpretation was performed on items 3 and 4 utilizing the Plexor HY Quantification Kit.
NUCRNV	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds; N/A = not applicable
NVV34M	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
NW8JJL	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
NWFRH2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
NYXXN	My laboratory does not perform screening tests for saliva
NZY7LF	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.
P2FHA6	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
P2UY4M	mito not performed, Y-STR not performed.
P369AJ	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. In regard to PowerPlex Fusion results, DYS391 is reported as "INC" as per [Laboratory] interpretation policy.
P9LZ26	The 8 allele reported at TH01 for Item 4 (F1) is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. This peak was further modeled probabilistically using STRmix to support this interpretation.
PAFNKZ	NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
PAXXBF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PBNY4W	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
PCBN3R	Serology not performed, mito not performed, Y-STR not performed. --- = Possible Additional Alleles.

TABLE 8

WebCode	Additional Comments
PERMMT	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. For the sperm fraction of Item 4, the initial STRMix deconvolution and resulting LR was not used. The D22 15 peak was assigned with greater than or equal to 99% confidence to the second contributor (Genotype 15,0); however, it is in reverse stutter position and is 12% of the parent peak (13% is the DPS stutter max for the new 24plex formulation) and may not represent the second contributor in this mixture. A second STRMix deconvolution was run with 15 at D22 marked off as stutter; this LR was reported. Interpretation only performed for Y-screening (male DNA); analytical labwork performed by another analyst.
PHY94M	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
PKHKLP	serology not performed, mito not performed, Y-STR not performed.
PLTQ2R	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PM6PWZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PMJ4CW	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
PPC4KU	N/A: Not Applicable. [] - indicates minor allele/s and alleles between analytical and stochastic thresholds.
PQ6Y3W	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
PQ7R3P	Screening tests performed by a qualified Forensic Biologist and samples transferred to DNA analyst per SOP. The DNA analyst reviewed and interpreted the male screen results. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
PTU3ZA	[Name] performed biology screening. [Name] performed DNA lab work and interpretation. [Name] performed technical review of the CTS data entry for biology and [Name] performed technical review of the CTS data entry for DNA. Item 3: Confirmatory testing for hemoglobin with HemDirect disclosed the presence of blood of probable human origin. The HemDirect test is not considered a confirmatory test for species (it is considered confirmatory for blood), due to the fact that some upper primates and under some conditions, ferrets, have been reported giving positive results with the HemDirect card. Item 4: The Infrared (IR) Light was used as an investigative aid and indicated stain(s) of potential evidentiary value. Presumptive testing for hemoglobin with Luminol and Phenolphthalein indicated the possible presence of blood. This test alone does not confirm the presence of blood. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva).
Q7BK4X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
Q969LT	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
Q98E39	Item #4 epithelial fraction- the following loci would not be suitable for single source statistics per SOP: D3S1358, D16S539, CSF1PO, D8S1179, D21S11, D19S433, SE33, D10S1248, D1S1656, and D2S1338. Item #4 sperm fraction artifact/true alleles: 16 @vWA, 13 @D8S1179, 31 @D21S11, 12 @ D2S441, 13 @D19S433, and 23 @FGA.
QGVPGN	Male Screen testing was performed on a sample from each of item #3 and #4 by a qualified forensic biologist. The DNA analyst reviewed and interpreted the male screen results. All serological tests were done by the forensic biologist. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
QGXH6N	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.
QKBBV4	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
QL63YM	Mitochondrial and Y-STR DNA analysis is not performed in this laboratory. Analyses performed with stutter filters on.
QLFDCM	Reporting with stutter filters on.
QM8JQR	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the Power Plex Fusion system per laboratory policy.
QRVDZK	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
QU2ZNB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QU9NMH	male specific Y-STR testing only
QWPEBZ	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
QWUAZK	Serology and mtDNA not performed. Item 3 epithelial fraction (e): Victim included / Suspect excluded. Item 3 sperm fraction (sp): no comparison to Victim or Suspect performed due to limited data obtained. Item 3 STR Legend: --- = Possible additional allele(s). Item 4 epithelial fraction (e): Victim included / Suspect excluded. Item 4 sperm fraction (sp): Victim excluded / Suspect excluded.
QXPCP2	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
QXWU7K	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. The contribution from the female donor to this mixture was partial at multiple loci, however, the likelihood ratio obtained from STRmix supports the inclusion of the female donor.

TABLE 8

WebCode	Additional Comments
R9ZBN3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
RAGJDB	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. `
RDT9HY	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
RE2J2W	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
RFRMRH	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. The contribution from the female donor to this mixture was partial at one locus, however, the likelihood ratio obtained from STRmix supports the inclusion of the female donor.
RGXAQW	Based on results obtained from DNA analysis, an unknown man was contributed to item 4, whereas the suspect was not included in item 4.
RH77R8	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
RHRZUQ	1. Item 3 and Item 4 were extracted using Chelex extraction method. 2. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantifiler Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. 3. Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on 9700 GeneAmp PCR System while Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using AmpFLSTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. 4. Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyser with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4. 5. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results. 6. NM = non male profile.
RJFZPT	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
RP6H44	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
RQGCJ6	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
RTKY93	Item 4 (DNA extract of epithelial cell fraction from cutting of stain from passenger seat) in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
RVF3AW	NR-no results
RXCBYR	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
RY7YHM	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
T3TYP9	Only Y-STRs were performed on this test. Quantifiler Trio results were evaluated for the presence of male DNA. Samples containing male DNA were forwarded for Y-chromosome analysis. Samples containing only female DNA were not tested further. Therefore, no interpretation was done for Item 3 (victim's pants with female DNA only) and no comparisons to known samples were conducted. Item 1 (known female victim with female DNA only) was not processed with Yfiler Plus. Comparison to the male suspect was performed for Item 4 epithelial and sperm fractions (passenger seat with female and male DNA) and the male suspect was excluded as a contributor. Autosomal STR testing will be done on a subsequent test later this calendar year. This satisfies the QAS requirement for performing analysis with each typing kit I'm qualified in at least once per year.
T3TZDM	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR= No results
T3U7YB	Serology not performed, mito not performed.
T4YLKZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
T6HU73	Item 4: Sperm fraction artifact/true alleles: 13 @ D8S1179; 7 @TH01; Item 4: Epithelial fraction: Per SOP, the following loci are not suitable for statistics: VWA, D16S539, FGA, D5S818.
T83QKM	Serology and mito not performed
TBEABV	The non-sperm fraction of item 4 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor.

TABLE 8

WebCode	Additional Comments
TCE834	For Sample 1 (Known from victim) a low level male quant was obtained and a low level minor contributor. A second extraction was performed and the low level minor contributor was no longer present but there still was a minor male quant value.
TCQXNF	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
TFJZEB	A team approach was used. NR/NE = No result, not expected. INC= Inconclusive. Item 4 was reported as INC due to being a mixture of more than one contributor. The Missing Persons Unit does not interpret mixtures, but reports the results as inconclusive.
TFVKGC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
TGE9DY	Reporting STRmix results with stutter filters on. Carryover of sperm fraction observed in the epithelial fraction.
TJE7HD	NR = No result
TL2HJ4	DNA training is currently in progress and has not been completed. Only serology results have been submitted at this time.
TMDETG	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
TMFNNE	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
TX7D9T	Item 01-04 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
TZ3VKF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
TZURUH	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. The contribution from the female donor to this mixture was partial at multiple loci, however, the likelihood ratio obtained from STRmix supports the inclusion of the female donor.
TZWH3L	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
U2CJVM	Item 4 was inconclusive due to the presence of multiple sequences. This laboratory does not interpret mixtures.
U3QTLJ	reporting with stutter filters on

TABLE 8

WebCode	Additional Comments
U3WCVM	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction and quant. No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation.
U4GYYP	As per [Laboratory] interpretation policies the DYS391 locus in the Fusion Kit will be reported as INC. Any labeled peaks seen in samples [Laboratory Specific Naming Convention] that are likely due to PCR/STR artifacts were not reported.
U4RQN8	NR = No Result
U7Z7TR	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
UA44WC	NR = no results
UAVGP7	carryover observed in item #4 fractions - only reported deconvoluted major (female in non-sperm fraction, male in sperm fraction).
UAYGPR	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
UBQHNN	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 4 in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation.
UCLWH9	NR= No result. NT= Not tested.
UD7LWM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
UDRHJ2	Item 4 - Fraction 2: A/TA at D2S1338 [21 allele]. Item 4 - Fraction 2: Per SOP, the following loci are not suitable for single source statistics: D8S1179, D21S11, D18S51, D2S441, D19S433, and D12S391.
UFVP4L	Reporting with stutter filters on.
UG7RQK	Reporting with stutter filters on
UMR7BX	Results concordant with Identifiler Plus results were obtained from the Minifiler and LCN Identifiler Plus results/amplifications. These amplifications were completed to satisfy the requirements to demonstrate practical/technical competency.
UPYZZP	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. N/A - not applicable.
UQFXN9	Reported with stutter filters on
UQTNHL	All screening tests performed by qualified forensic biologist. Male screen interpreted by reported analyst. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification. HemaTrace indicates the presence of human blood, per qualified forensic biologist.

TABLE 8

WebCode	Additional Comments
V34DY3	The [Laboratory] does not test any additional loci and does not perform YSTR or mtDNA testing.
V4VEXX	The 11-allele reported at D8S1179 for Item 4 epi fraction is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. This peak was further modeled probabilistically using STRmix to support this interpretation.
V68U7D	Item 4 was reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
V73WYF	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. N/A - Not Applicable.
V8L6MG	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
VA79U3	Items 3 and 4 were not processed for STR/YSTR analysis. Items 1 and 2 were processed for STR/YSTR database purposes only. A serological evaluation was not performed on items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixture mtDNA profile was obtained from item 4 and the data is not reportable because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. No interpretations can be made between item 4 and items 1 and 2. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
VBMLVY	Sperm carryover into epi fraction of Item 4.
VC738Q	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
VCMKLC	NR = no result
Vfy4CL	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
VHWRCG	Serology, mtDNA, Y-STR, and STRmix not performed.
VJE48L	Reporting with stutter filters on.
VJWKCB	A team approach was used. NR = no results.
VKB2TK	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
VKVP7A	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
VLQ8JW	The 21 allele reported at SE33 for Item 4e is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. This peak was further modeled probabilistically using STRmix to support this interpretation.
VMQ6XX	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.

TABLE 8

WebCode	Additional Comments
VWQZP3	Note: A test for the presence of acid phosphatase was inconclusive due to fabric color: Item 4. Note: This test was utilized for Y-STRs only. Only samples containing male DNA in Quantifiler Trio were analyzed. The following samples were not analyzed because no male DNA was detected: Item 2 and Item 3. No interpretations can be made regarding these items.
VXPJWW	N/A- Not Applicable. INC - Inconclusive
VYJCL8	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.
W49N44	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
W4TP47	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.
W7QQVH	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. **Analysis performed by a DNA Technician; therefore, no interpretation performed.
W7TFZE	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
W8DLRY	NR= No results
W9MQ4Z	The DNA obtained from the bloodstain on the pink pants could have originated from the victim. The DNA obtained from the sperm fraction of the seminal staining on the passenger seat had originated from an unknown male source (denoted as "UNK") whereas the DNA obtained from the non-sperm fraction was a mixture. "UNK" and the victim could both be included as possible contributors.
WEEUHY	NR = no results. Only mtDNA HV1/HV2 regions reported (16024-16365, 73-214, 262-340) for item 1. Only mtDNA HV1/HV2 regions reported (16024-16365, 73-340) for item 2. Only mtDNA HV1/HV2 regions reported (16024-16365, 73-220, 262-340) for item 3. Item 4 mtDNA results not reported due to presence of mixture/inconclusive.
WG77E6	Reporting STRmix results with stutter filters on. Sperm cell carryover in epi.
WME48N	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. DNA interpretation was completed on previously analyzed samples
WNBRYR	item 1 IP=9.6553e+040. item 2 IP=2.2731e+043. item 3 IP=9.6553e+040. item 4 IP=2.5976e+033.

TABLE 8

WebCode	Additional Comments
WPZEYW	carryover from sp to epi fraction item 4
WQ2K2V	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
WRNGPM	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
WXL2Q6	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.
WZ9EX9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
X4MERE	This lab doesn't perform Y-STR testing, mtDNA testing and reports samples with stutter filters on.
XAMRDQ	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
XCHAW6	ND = Not Detected
XCKMCT	Extraction: - Item 3 was extracted using Chelex Extraction. - Item 4 was extracted using Chelex Differential Extraction. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by QuantStudio 5 Real Time PCR. Amplification: -Item 1 and Item 2 were amplified using Globalfiler Express PCR Amplification Kit on 9700 ABI GeneAmp PCR System. -Item 3 and Item 4 were amplified using Globalfiler PCR Amplification Kit on 9700 ABI GeneAmp PCR System. -Item 2 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.
XD3K8P	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
XTJDXG	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
XU67D7	A team approach was used. NR = No Results.
XW49Q2	Exhibit 1 - Female reference sample not amplified for Y-STR analysis since no male DNA detected. Exhibit 3 - sample not amplified for Y-STR analysis since no male DNA detected.
XZB9RZ	sperm carryover in the epi fraction

TABLE 8

WebCode	Additional Comments
Y3B2WJ	Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item3 were extracted using QIASymphony DNA Investigator Kit via QIASymphony SP platform. -Item 4 were extracted using differential extraction chelex method. Quantitation: -Item 3 and Item 4 were quantified using Quantifiler Trio Kit via QuantStudio5 System. Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express PCR amplification kit on ProFlex™ PCR System. -Item 3 and Item 4 were amplified using Globalfiler Kit on 9700 GeneAmp PCR System. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -Electrophoresis for Globalfiler Express PCR products of Item 1 and Item 2, Globalfiler PCR products of Item 3 and Item 4 and YFiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3500xl. Quality Control: -Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM- Non-male profile.
Y4ARG7	STRmix analysis was conducted on this test.
Y9XMTJ	NR = no result. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework.
YAB2XR	Serology screening, mtDNA, and Y-STR testing not performed. Items 3 and 4 not tested.
YAWPZ2	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.
YGP68R	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
YKQD8V	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
YQ7AGB	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
YVP4WA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
YXEADZ	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test
Z2RXJX	HT: HemaTrace
Z4NCHZ	NR = no results

TABLE 8

WebCode	Additional Comments
Z6BPF	Item #3 was not amplified, therefore no comparisons could be made to this item. Item #1 was not amplified, therefore no comparison could be made to this known. Male screen procedure performed by Forensic Biology analyst and analyzed by reporting DNA analyst. Per policy, this proficiency test covers Yfiler Plus testing. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
ZGK6MH	[] - indicated minor allele/s and alleles between analytical and stochastic threshold. N/A - Not Applicable.
ZL4YZW	Item 4epi is carryover from Item 4sp
ZLDABF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ZLZJJP	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 Power Plex Fusion system per laboratory policy.
ZTUWVJ	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Autosomal interpretation only performed, analytical labwork performed by another analyst. Y23 analytical labwork only performed.
ZUD83C	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
ZXMXJY	For Item 04, original deconvolution was used for entry into CTS. D2S1338 had to be ignored when STRmix was run due to the original not being intuitively supported. Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
ZXNNA9	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 23-5702: Forensic Biology

DATA MUST BE SUBMITTED BY **May 08, 2023, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: C3NDZA

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 case involving a female victim and male suspect. The victim reports to police that she is dating the suspect and she was sexually assaulted by him in the passenger seat of her car. She reports that the suspect hit her several times in the face, causing her to bleed. The suspect has been apprehended by police. Police are submitting a stain from the pants the victim was wearing (Item 3) and a stain from the passenger side seat (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B2):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from victim's pants (pink)

Item 4: Questioned stain from passenger seat (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
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:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
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:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
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: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

STR Amplification Kit(s) Used:

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

Identifiler®
 GlobalFiler™
 Investigator® 24plex

 PowerPlex®
 Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** order.

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

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

<u>Victim (Item 1)</u>			<u>Suspect (Item 2)</u>		
	Item 3	Item 4		Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps only if your laboratory is accredited in this testing/calibration discipline by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)