



Forensic Biology Test No. 24-5702 Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were asked to analyze using their existing protocols. Data were returned from 742 participants and are compiled into the following tables:

	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>6</u>
<u>Key to Screening Results</u>	<u>7</u>
<u>Table 1: Serology Screening Results</u>	<u>8</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>62</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>532</u>
<u>Table 4: Additional DNA Results</u>	<u>632</u>
<u>Table 5: Mitochondrial DNA Results, HVRI</u>	<u>635</u>
<u>Table 6: Mitochondrial DNA Results, HVRII</u>	<u>641</u>
<u>Table 7: DNA Interpretations</u>	<u>647</u>
<u>Table 8: Additional Comments</u>	<u>659</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

Each sample set consisted of two known bloodstains on FTA™ Micro Cards (Items 1 and 2), and two questioned stains on colored fabric (Items 3 and 4). Participants were asked to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1, 2, and 3 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain on Item 4 was prepared using a mixture of human whole blood and semen. Item 1 (75 µL) was created using blood from a male donor. Item 2 (75 µL) and Item 3 (50 µL) were created using blood from the same male donor, different from the blood that was used in Item 1. Item 4 (50 µL) was created using a 1:1 mixture of blood from the male donor used in Item 1 and semen from another 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 05, 2024 following completion of the verification stage.

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

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information. Consistent allelic results were reported for all STR and YSTR loci.

Manufacturer's Information, continued

Amelogenin and STR Results						
Results compiled from predistribution laboratories and a consensus of at least 10 participants.						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	13,14	21,22	11,11	17,18	12,13	12,18
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	2	
2	16,16.3	23,23	10,11	17,17	11,13	11,12
	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
3	16,16.3	23,23	10,11	17,17	11,13	11,12
	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
4-Blood	13,14	21,22	11,11	17,18	12,13	*
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	2	
4-Semen	14,19.3	17,17	11.3,12	17,17	12,13	12,19
	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18	2	

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

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

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	12	20	16	19	22	14	12
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	12	18	18	17	23	10	13
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	12	18	18	17	23	10	13
4-Semen	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	13	17	18	23	23	10	12
4-Blood	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	12	20	16	19	22	14	12

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	63-385	16024-16376
2	64-392	16024-16377
3	64-369	16024-16376

Deviations HVR-II, HVR-I

Note: The results provided below are based on a population of at least 10 participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants.

		73.0	150.0	189.0	200.0	263.0	309.1	315.1	16183.0	16189.0	16223.0	16260.0	16327.0
ITEM 1	G	T	G	G	G	C	C	C	C	T	T	T	T

		73.0	150.0	189.0	200.0	263.0	309.1	315.1	16183.0	16189.0	16223.0	16260.0	16327.0
ITEM 2	G	T	G	G	G	C	C	C	C	T	T	T	T

		73.0	150.0	189.0	200.0	263.0	309.1	315.1	16183.0	16189.0	16223.0	16260.0	16327.0
ITEM 3	G	T	G	G	G	C	C	C	C	T	T	T	T

Summary Comments

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

Data were returned by 742 participants.

Screening Test Results

Screening results for body fluids were returned by a total of 670 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 but two participants reported "Negative." Of the remaining participants, one reported "Positive" and one reported "Inconclusive." For the presence of saliva, all participants reported "Negative." For Human Origin and Y-Screening, all participants reported "Positive."

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

DNA Analysis

For STR results, the majority of participants reported consistent results. Forty-one participants reported inconsistent results for one or more items. A majority of inconsistent results were identified for Item 4-Blood, in which most participants submitted additional alleles compared to the consensus.

For YSTR results, all but ten participants reported consistent results. The remaining participants reported inconsistent results for one or more items.

DNA Interpretations

Of the 701 participants that returned DNA results, 648 reported DNA interpretations. Twenty-three participants selected the "No Interpretation" option for each conclusion, eighteen stated the samples were analyzed for database purposes only, and two did not respond. Due to the victim and suspect being maternally related, the overall interpretation conclusions that do not align with the consensus results will not be highlighted for participants that reported only mitochondrial DNA results.

For Item 3, all but eighteen participants excluded the victim (Item 1) as a possible contributor to the stain. Of the remaining participants, seventeen included the victim after performing only mitochondrial testing (some also reporting STR/YSTR results for Items 1 and 2 only) and one reported "Inconclusive." All participants included the suspect (Item 2) as a possible contributor.

For Item 4, all but ten participants included the victim (Item 1) as a possible contributor to the stain. Of the remaining participants, five excluded the victim and five reported "Inconclusive." All but seven participants excluded the suspect (Item 2) as a possible contributor to the stain. Of the remaining participants, one included the suspect and six reported "Inconclusive."

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
23HL4P	Pos LMG	Pos LMG
24CCA4	Pos O-tol	Pos O-tol
24QN43	Pos PTMB, HemDirect	Pos PTMB, HemDirect
26KEAG	Pos TMB	Pos TMB
27BEUT	Pos LMG, HemaTrace	Pos LMG, HemaTrace
27WBEL	Pos TMB	Pos TMB
29JUFJ	Pos ABACard HemaTrace	Pos ABACard HemaTrace
2A3PBR	Pos O-tol, PPTH, HemDirect	Pos O-tol, PPTH, HemDirect
2E8DZM	Pos TMB	Pos TMB
2GYGPM	Pos O-tol	Pos O-tol
2JJXRM	Pos KM	Pos KM
2MGJG6	Pos KM	Pos KM
2MHUA9	Pos KM, HemaTrace	Pos KM
2NHMFT	Pos KM	Pos KM
2P9VFW	Pos LMG	Pos LMG
2QMF97	Pos PTMB, HemaTrace	Pos PTMB
2W8MHX	Pos TMB	Pos PHT
2WNLTB	Pos KM	Pos KM
2XNJCJ	Pos TMB	Pos TMB
2YGHH6	Pos KM	Pos KM
2YWZZG	Pos KM	Pos KM
2YXNP8	Pos KM	Pos KM
37F8T8	Pos KM, HemDirect	Pos KM, HemDirect
37PZ4U	Pos KM	Pos KM
38L4MA	Pos LMG, HemaTrace	Pos LMG, HemDirect
38LYBM	Pos TMB	Pos TMB
3JG9XV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3JJTUB	Pos KM, HemDirect	Pos KM, HemDirect
3JZBT7	Pos TMB	Pos TMB
3L4WAV	Pos O-tol	Pos O-tol
3MFC4W	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3NWFLV	Pos LMG	Pos LMG
3QCPDM	Pos RSID; ALS	Pos RSID; ALS
3RRGEW	Pos HemaTrace	Pos HemaTrace
3RRJ62	Pos HemaTrace	Pos HemaTrace
3RZ6BJ	Pos KM	Pos KM
3TJFTV	Pos KM	Pos KM
3U2JA9	Pos KM	Pos KM
3UUHFU	Pos KM	Pos KM
3VD69A	Pos KM	Pos KM
3VU4L8	Pos KM, Hemdirect	Pos KM, Hemdirect
3Y868D	Pos KM, HemaTrace	Pos KM, HemaTrace
42CA4Y	Pos TMB, PHTH	Pos TMB, PHTH
42ETBA	Pos KM	Pos KM
44G8NL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
44PN3T	Pos KM	Pos KM
44ZE4X	Pos PHT	Pos PHT
47B6KE	Pos KM	Pos KM
47PW84	Pos PTMB, HemaTrace	Pos PTMB
4A6FYK	Pos PTMB, Bluestar OBTI	Pos PTMB, Bluestar OBTI
4A6HPP	Pos KM	Pos KM
4CDLLL	Pos TMB	Pos TMB
4CWEDJ	Pos KM, TMB	Pos KM, TMB
4EHZ77	Pos KM	Pos KM
4EKL3L	Pos TMB	Pos TMB
4EYPGT	Pos RSID-Blood	Pos RSID-Blood
4EZAWL	Pos KM	Pos KM
4FBNB3	Pos KM	Pos KM
4FWKWV	Pos LMG	Pos LMG
4L4ZVJ	Pos LMG	Pos LMG
4NPZJE	Pos Hemastix	Pos Hemastix
4NVWKD	Pos Phenolphthalein	Pos Phenolphthalein
4RBQXP	Pos KM	Pos KM
4XEJ4E	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4XFEMK	Pos TMB	Pos TMB
4YMUWC	Pos KM	Pos KM
4YTWWH	Pos KM	Pos KM
63LFD7	Pos KM, TAK	Pos KM, TAK
63N2AM	Pos KM, HemaTrace	Pos KM, HemaTrace
66BLZY	Pos PTMB	Pos PTMB
68FDRC	Pos KM	Pos KM
6A29E4	Pos KM, HemaTrace	Pos KM, HemaTrace
6AK29M	Pos KM	Pos KM
6D467K	Pos KM, HemaTrace	Pos KM, HemaTrace
6D7RMX	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
6EEV99	Pos LMG, HemaTrace, HemDirect	Pos LMG, HemaTrace, HemDirect
6HJCUJ	Pos PTMB, HemaTrace	Pos PTMB
6K69AW	Pos TMB	Pos TMB
6K7A3A	Pos KM	Pos KM
6LVCYX	Pos O-tol	Pos O-tol
6N4HHD	Pos TMB	Pos TMB
6NN9F6	Pos TMB	Pos TMB
6PB7DA	Pos KM Test	Pos KM Test
6PWD2F	Pos KM	Pos KM
6TG9WL	Pos LMG	Pos LMG, HemaTrace
6VGHPA	Pos KM, HemaTrace	Pos KM, HemaTrace
6VJFRJ	Pos IR, TMB	Pos IR, TMB
6XDZ6H	Pos KM	Pos KM
6YLAT9	Pos KM	Pos KM
6YQP7A	Pos KM, HemaTrace	Pos KM
6ZYLVK	Pos PTMB	Pos PTMB
732YVH	Pos KM	Pos KM
74XJJH	Pos PTMB, RSID (HemaTrace)	Pos PTMB
77XBAP	Pos LMG	Pos LMG
78RM4A	Pos KM	Pos KM
7A389C	Pos KM, TMB	Pos KM, TMB
7AK8F9	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
7CT9PL	Pos HemDirect	Pos HemDirect
7FP2EB	Pos KM	Pos KM
7GJRP	Pos KM	Pos KM
7TUTXP	Pos LMG, HemaTrace	Pos LMG, HemaTrace
7U6VKN	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
7U9QBR	Pos KM, HEM	Pos KM, HEM
7X3UUX	Pos KM, HemaTrace	Pos KM, HemaTrace
7Y9TLM	Pos KM, TMB (combur)	Pos KM, TMB (combur)
822EB3	Pos KM	Pos KM
823DFW	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
82JJQF	Pos TMB	Pos TMB
899PYN	Pos KM	Pos KM
8AFVUJ	Pos LMG, Ouchterlony	Pos LMG, Ouchterlony
8ATXPB	Pos KM	Pos KM
8BTN47	Pos KM, HemaTrace	Pos KM, HemaTrace
8FZE7C	Pos TMB	Pos TMB
8GVYUC	Pos KM, TMB	Pos KM, TMB
8JMX8A	Pos LMG, HemaTrace, HemDirect	Pos LMG, HemaTrace, HemDirect
8JNY39	Pos KM	Pos KM
8KV7E9	Pos ABA heme	Pos ABA heme
8NTWC9	Pos KM, HemaTrace	Pos KM, HemaTrace
8PTMR3	Pos KM	Pos KM, HemaTrace
8T9BCZ	Pos TMB, HemaTrace	Pos TMB
8UML7Y	Pos KM, HemaTrace	Pos KM, HemaTrace
8VGCCD	Pos TMB, IR	Pos TMB, IR
93CREP	Pos TMB	Pos KM
93ECA7	Pos KM, Hemdirect	Pos KM, Hemdirect
96EE8U	Pos O-tol	Pos O-tol
96J3GL	Pos KM	Pos KM
97CTMZ	Pos KM	Pos KM
99HECK	Pos KM	Pos KM
99U8W2	Pos KM	Pos KM
9AC6HZ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9APU96	Pos KM, HemaTrace	Pos KM, HemaTrace
9AVEEG	Pos HemoPHAN, Seratec Blood	Pos HemoPHAN, Seratec Blood
9BQC4G	Pos PTMB	Pos PTMB, HemaTrace
9DXLZK	Pos HemDirect	Pos HemDirect
9EN23F	Pos TMB	Pos TMB
9GNEGT	Pos KM	Pos KM
9JEDVQ	Pos KM	Pos KM
9NB64N	Pos LMG	Pos LMG
9RXNDL	Pos KM	Pos KM
9TKDBJ	Pos TMB	Pos TMB
9TREJZ	Pos KM	Pos KM
9V786Y	Pos KM	Pos KM
9VEV2L	Pos KM, HemaTrace	Pos KM, HemaTrace
A4HJV6	Pos KM	Pos KM
A6WWUZ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
A8HK7Z	Pos KM, HemaTrace	Pos KM
A9W8NE	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
ABLAWN	Pos KM	Pos KM
ACCQGW	Pos KM	Pos KM
ADCLGF	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
ADP746	Pos KM, HemaTrace	Pos KM, HemaTrace
AGA4K9	Pos KM, IR	Pos KM, IR
AH32QU	Pos O-tol	Pos O-tol
AHGHRE	Pos TMB	Pos TMB
AJUWFN	Pos KM	Pos KM
AK42TC	Pos KM, TMB	Pos KM, TMB
AKT7H7	Pos KM	Pos KM
ALYP82	Pos KM HEXAGON OBTI	Pos KM HEXAGON OBTI
AQBQBK	Pos TMB	Pos TMB
AR4LTM	Pos KM	Pos KM
AUDBG6	Pos KM	Pos KM
AV89XC	Pos KM, HemaTrace	Pos KM, HemaTrace
AXDLL7	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
AYR4DP	Pos LMG	Pos LMG
AZJ83Q	Pos KM	Pos KM
AZLTX7	Pos KM	Pos KM
B4F2LD	Pos IR, TMB	Pos IR, TMB
B4JMGT	Pos KM	Pos KM
B7AWDF	Pos KM, HemaTrace	Pos KM, HemaTrace
B7N88E	Pos KM	Pos KM
B8KRUE	Pos PTMB, HemaTrace	Pos PTMB
B9UW83	Pos KM	Pos KM
BBETNF	Pos TMB	Pos TMB
BCC2WY	Pos KM	Pos KM
BD7L9Y	Pos KM, HemDirect	Pos KM, HemDirect
BHJL6Q	Pos KM	Pos KM
BJ8K2U	Pos KM	Pos KM
BJAKJN	Pos KM, Hemdirect	Pos KM, Hemdirect
BK4JA8	Pos TMB	Pos TMB
BMDF3R	Pos KM, Hem	Pos KM, Hem
BPG3RP	Pos LMG	Pos LMG
BQUMQQ	Pos KM	Pos KM
BRQZAD	Pos KM, HemDirect	Pos KM, HemDirect
C78D76	Pos KM	Pos KM
C7ZDV3	Pos ABACard HemaTrace	Pos ABACard HemaTrace
CBCBG4	Pos KM	Pos KM
CCKHKW	Pos KM	Pos KM
CCMC43	Pos KM	Pos KM
CCPZKG	Pos KM	Pos KM
CEXWKD	Pos KM	Pos KM
CJ6BKH	Pos LMG	Pos LMG
CL9GB3	Pos LMG	Pos LMG
CLEJ6G	Pos TMB	Pos TMB
CMKH9H	Pos KM	Pos KM
CPW4RW	Pos TMB, KM	Pos TMB, KM
CTXUEB	Pos KM, TMB	Pos KM, TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CTXV9A	Pos KM	Pos KM
CU69LG	Pos KM	Pos KM
CVFKAT	Pos KM, HemaTrace	Pos KM, HemaTrace
CVHTDR	Pos TMB, Micro	Pos TMB, Micro
CVJJTM	Pos KM, Seratec	Pos KM, Seratec
CWW6AB	Pos KM, TMB	Pos KM, TMB
CYEPU7	Pos KM, TMB	Pos KM, TMB
CZVRTR	Pos LMG, HemaTrace	Pos LMG, HemaTrace
D2NPXR	Pos KM, HemaTrace	Pos KM, HemaTrace
D3V8VM	Pos LMG	Pos LMG
D4842R	Pos KM, HemaTrace	Pos KM, HemaTrace
D4QRHM	Pos TMB	Pos TMB
D4VXBH	Pos KM	Pos KM
D62U87	Pos IR, TMB	Pos IR, TMB
D6GV8M	Pos KM, HemaTrace	Pos KM, HemaTrace
D7GUQV	Pos TMB	Pos PHT
D8ARWG	Pos KM	Pos KM
DAVN68	Pos IR, TMB	Pos IR, TMB
DBA7CK	Pos KM, HemDirect	Pos KM, HemDirect
DBNLAT	Pos O-tol, HemDirect Seratec Card	Pos O-tol, HemDirect Seratec Card
DBR9R8	Pos HemaTrace, ABACard	Pos HemaTrace, ABACard
DDH7MT	Pos KM, HemaTrace	Pos KM, HemaTrace
DDXEP2	Pos LMG	Pos LMG
DECWT8	Pos IR, PHT	Pos IR, PHT
DF6UXT	Pos KM	Pos KM
DFR472	Pos KM	Pos KM
DGFNKK	Pos LMG	Pos LMG
DGYJD9	Pos KM	Pos KM
DH8MYJ	Pos TMB	Pos TMB
DJQF32	Pos KM	Pos KM
DLV8UF	Pos O-tol	Pos O-tol
DPP2XH	Pos KM	Pos KM
DPTTGC	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
DREYXG	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DRXDCY	Pos KM	Pos KM
DTPA2R	Pos KM	Pos KM
DTTR94	Pos ABA Heme	Pos ABA Heme
DX6NZK	Pos KM	Pos KM
E4J6ED	Pos KM	Pos KM
E4QZED	Pos LMG	Pos LMG, HemaTrace
EBLCZ9	Pos TMB	Pos TMB
ECCFPA	Pos KM, LMG, HemaTrace	Pos KM, LMG, HemaTrace
EDEWC8	Pos KM, HemaTrace	Pos KM, HemaTrace
EDQKKL	Pos KM, HemaTrace	Pos KM, HemaTrace
EDTHNV	Pos TMB, HemaTrace	Pos TMB, HemaTrace
EE7Y29	Pos IR, TMB	Pos IR, TMB
EHNCLW	Pos KM	Pos KM
EKF9AQ	Pos IR, Luminol, KM	Pos IR, Luminol, KM
ELKR7D	Pos KM	Pos KM
EQFBUC	Pos LMG, HemaTrace	Pos LMG, HemaTrace
EQV3WL	Pos KM, HemaTrace	Pos KM, HemaTrace
ERDWWV	Pos KM	Pos KM
ETMYKF	Pos KM	Pos KM
EU43N8	Pos HemDirect	Pos HemDirect
EZKQTA	Pos O-tol	Pos O-tol
F4HPMY	Pos KM	Pos KM
FB2X64	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
FBZDPB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FDQZGJ	Pos KM	Pos KM
FEE84M	Pos KM	Pos KM
FELK4H	Pos LMG	Pos LMG
FFGAD7	Pos HemDirect	Pos HemDirect
FGQAHD	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
FH3XWJ	Pos KM, SeraTec HemDirect	Pos KM, SeraTec HemDirect
FJAAH2	Pos KM	Pos KM
FKNRJL	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
FN9RRE	Pos KM	Pos KM
FNNX6J	Pos LMG	Pos LMG
FP9H7A	Pos TMB, Takayama	Pos TMB, Takayama
FPZWYR	Pos TMB	Pos TMB
FRLJRF	Pos LMG	Pos LMG
FRTJ2W	Pos KM	Pos KM
FUDFGA	Pos TMB	Pos TMB
FUFLQB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
FV93TD	Pos KM + qRT-PCR	Neg KM
FVPCQK	Pos LMG	Pos LMG
FWKXDJ	Pos TMB	Pos TMB
FWZYH8	Pos KM, TMB	Pos KM, TMB
FYMVNC	Pos TMB	Pos TMB
G3M7JC	Pos TMB	Pos TMB
G4F4PX	Pos LMG	Pos LMG
G4F6RJ	Pos KM, HemaTrace	Pos KM, HemaTrace
G4G3UR	Pos KM	Pos KM
G6VAF9	Pos KM, HemaTrace	Pos KM, HemaTrace
G7LHFC	Pos TMB	Pos TMB
G7MD3N	Pos KM, HemaTrace	Pos KM, HemaTrace
GD7TGK	Pos KM	Pos KM
GDQAWM	Pos KM	Pos KM
GF9N7N	Pos KM	Pos KM
GFQPWX	Pos KM	Pos KM
GHDLQC	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
GHHTLX	Pos KM, HemaTrace	Pos KM, HemaTrace
GKMCQL	Pos TMB, Takayama/Micro	Pos TMB, Takayama/Micro
GLEB6J	Pos LMG	Pos LMG
GPDVMA	Pos KM, rtPCR	Pos KM, rtPCR
GR8C7X	Pos ABA Heme	Pos ABA Heme
GV39PX	Pos LMG	Pos LMG
GVQKFJ	Pos KM	Pos KM
GXV8XU	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
H2MR4X	Pos KM	Pos KM
H2NJHT	Pos KM	Pos KM
H2NXUM	Pos KM, HemaTrace	Pos KM, HemaTrace
H3EVRX	Pos KM, HemaTrace	Pos KM, HemaTrace
H3YHEM	Pos IR, TMB	Pos IR, TMB
H63ZRW	Pos KM	Pos KM
H9T7H9	Pos KM	Pos KM
HE2MZA	Pos KM	Pos KM
HERQDP	Pos KM	Pos KM
HEYT94	Pos TMB	Pos TMB
HHUREL	Pos KM	Pos KM
HHWAKX	Pos ABA Hemecard	Pos ABA Hemecard
HHYDX9	Pos LMG	Pos LMG, HemaTrace
HJ6QBF	Pos O-tol	Pos O-tol
HKWMYA	Pos KM	Pos KM
HM4ZM4	Pos IR, PHT	Pos IR, PHT
HTC7GN	Pos KM	Pos KM
HUPT2N	Pos KM, HemaTrace	Pos KM, HemaTrace
HVHVTX	Pos KM	Pos KM
HVJK83	Pos IR, TMB	Pos IR, TMB
HWCHDN	Pos KM	Pos KM
HXLMQC	Pos KM	Pos KM
HZUUXC	Pos TMB	Pos TMB
J26Y9E	Pos LMG	Pos LMG
J4DXUA	Pos LMG	Pos LMG
J4RJ7W	Pos KM	Pos KM
J6G4HU	Pos HemaTrace	Pos HemDirect
JAFFKL	Pos KM, HemaTrace	Pos KM, HemaTrace
JAKECB	Pos TMB	Pos TMB
JAWGGV	Pos KM	Pos KM
JAX8VQ	Pos KM, HemaTrace	Pos KM
JCLLEA	Pos KM	Pos KM
JDKYTF	Pos KM, HemDirect	Pos KM, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
JGJBPE	Pos KM, HemDirect	Pos KM, HemDirect
JNF6MD	Pos KM	Pos KM
JTWDBD	Pos KM	Pos KM
JUHB8H	Pos Kastle Meyer	Pos Kastle Meyer
JVWHTY	Pos KM	Pos KM
JZ7X3M	Pos KM	Pos KM
JZBCQA	Pos TMB	Pos TMB
K3RZLG	Pos Obti	Pos Obti
KCJ9EK	Pos TMB, Takayama	Pos TMB, Takayama
KDPZXK	Pos KM	Pos KM
KDRKRF	Pos TMB	Pos TMB
KFJKAJ	Pos TMB, Micro	Pos TMB, Micro
KFJNH2	Pos HemaTrace	Pos HemaTrace
KGUZ8D	Pos KM	Pos KM
KHJWMB	Pos LMG	Pos LMG
KJHXT3	Pos TMB	Pos TMB
KKDL2Q	Pos KM, HemaTrace	Pos KM, HemaTrace
KNB7VN	Pos KM	Pos KM
KPR6J8	Pos LMG	Pos LMG
KRENK6	Pos KM, HemaTrace	Pos KM, HemaTrace
KT6WJ9	Pos TMB	Pos TMB
KTMJLH	Pos KM	Pos KM
KTNTZE	Pos KM, Hemdirect	Pos KM, Hemdirect
KUEFBC	Pos O-tol, HemDirect	Pos O-tol, HemDirect
KVRFK7	Pos KM	Pos KM
KW4EHZ	Pos HemaTrace	Pos HemaTrace
KWMOVHH	Pos KM	Pos KM
L2GFER	Pos LMG, HemaTrace, HemDirect	Pos LMG, HemaTrace, HemDirect
L3DYBR	Pos KM	Pos KM
L3VMU8	Pos O-tol; HemDirect	Pos O-tol
L4K876	Pos KM	Pos KM
L8KJ36	Pos KM	Pos KM
L9ZQFZ	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LBHV4W	Pos KM, IR	Pos KM, IR
LCX49Q	Pos KM	Pos KM
LE2ZPD	Pos TMB, HemaTrace	Pos TMB, HemaTrace
LE4LCV	Pos Hemastix	Pos Hemastix
LEFGUE	Pos TMB	Pos TMB
LGBXC3	Pos TMB, IR	Pos TMB, IR
LHYF89	Pos KM	Pos KM
LJXPAQ	Pos KM	Pos KM
LKA8PP	Pos KM	Pos KM
LR79G4	Pos TMB	Pos TMB
LRM8U2	Pos KM, TMB	Pos KM, TMB
LT66FY	Pos KM, HB	Pos KM, HB
LTHU9Q	Pos KM	Pos KM
LUA42R	Pos KM	Pos KM
LUZRT3	Pos KM, HemaTrace	Pos KM, HemaTrace
LWZ8QR	Pos LMG	Pos LMG
M36BE7	Pos KM, HemaTrace	Pos KM, HemaTrace
M3M7AE	Pos KM	Pos KM
M42RJF	Pos KM	Pos KM
M6TQYY	Pos HemDirect	Pos HemDirect
M76JHF	Pos O-tol	Pos O-tol
M8DQNU	Pos LMG, HT/HD	Pos LMG, HT/HD
MBZ97E	Pos TMB	Pos TMB
MCQCUF	Pos O-tol	Pos O-tol
MCRH22	Pos PTMB, HemaTrace	Pos PTMB
MEYHH2	Pos IR, TMB	Pos IR, TMB
MFD39Q	Pos KM	Pos KM
MJ833T	Pos KM	Pos KM
ML2MER	Pos KM	Pos KM
MLHYUC	Pos KM	Pos KM
MLY2FQ	Pos KM	Pos KM
MMCJN3	Pos LMG	Pos LMG
MP4FCW	Pos KM, HemDirect	Pos KM, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
MRAYJ6	Pos KM	Pos KM
MUQFHC	Pos KM	Pos KM
MUUXNM	Pos TMB	Pos TMB
MXQQDC	Pos KM	Pos KM
MZCEPC	Pos O-tol	Pos O-tol
N63BR8	Pos LMG	Pos LMG
N6BWYP	Pos KM	Pos KM
N98UXF	Pos KM, HemaTrace	Pos KM, HemaTrace
NBDBDY	Pos KM, HB	Pos KM, HB
NBWUKR	Pos KM	Pos KM
NDJHWR	Pos ABA Heme	Pos ABA Heme
NETU7F	Pos KM	Pos KM
NHUAR6	Pos KM	Pos KM
NLCZ3M	Pos KM, HemaTrace	Pos KM, HemaTrace
NLWPG2	Pos KM, HemaTrace	Pos KM, HemaTrace
NM4VRG	Pos KM	Pos KM
NMMT4G	Pos KM, HemaTrace	Pos KM, HemaTrace
NNNGT8	Pos KM	Pos KM
NPVZC2	Pos KM, HemaTrace	Pos KM, HemaTrace
NQM4YG	Pos KM, HemaTrace	Pos KM, HemaTrace
NU74DB	Pos LMG	Pos LMG
P4NE8H	Pos KM, HemDirect	Pos KM, HemDirect
P6ZQVR	Pos KM, HemaTrace	Pos KM, HemaTrace
P7ZP7D	Pos KM, Hem	Pos KM, Hem
PBQBKT	Pos KM, TMB	Pos KM, TMB
PC2XGL	Pos KM, HemaTrace	Pos KM, HemaTrace
PDGB23	Pos KM and Combur (TMB)	Pos KM and Combur (TMB)
PEM2Q6	Pos KM	Pos KM
PGJ4AF	Pos KM, IR, Luminol	Pos KM, IR, Luminol
PHACAJ	Pos KM, Hemdirect	Pos KM, Hemdirect
PMFACV	Pos ABACard HemaTrace	Pos ABACard HemaTrace
PNEBHM	Pos KM	Pos KM
PRWLJX	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PTA3QK	Pos KM, HemaTrace	Pos KM
PV4L3J	Pos KM	Pos KM
PVDEC8	Pos FOB, TMB, Luminol	Pos FOB, TMB, Luminol
PW8J3E	Pos PTMB, HemDirect	Pos PTMB, HemDirect
PWB2AP	Pos KM	Pos KM
PZ4CUN	Pos LMG, HemaTrace, HemDirect	Pos LMG, HemaTrace, HemDirect
Q3R4JY	Pos PHT	Pos PHT
Q6LMVY	Pos PTMB, HemaTrace	Pos PTMB
Q6X3KE	Pos KM	Pos KM
Q7B3WU	Pos KM	Pos KM
QBH7RG	Pos RAID-Blood	Pos RAID-Blood
QCGRGM	Pos KM	Pos KM
QCWXUR	Pos KM	Pos KM
QD9V6N	Pos LMG	Pos LMG
QDW46J	Pos KM, HemDirect	Pos KM, HemDirect
QENZUD	Pos (IR) Light, Luminol, KM	Pos (IR) Light, Luminol, KM
QFGZKX	Pos TMB	Pos TMB
QGE2Y2	Pos LMG	Pos LMG
QHN3TM	Pos HemaTrace	Pos HemDirect
QL282G	Pos KM, HemaTrace	Pos KM
QNBKJ	Pos KM	Pos KM
QP7KDA	Pos KM	Pos KM
QQL4X8	Pos KM, Hem	Pos KM, Hem
QVBKAX	Pos PTMB, HemaTrace	Pos PTMB
QYCHQR	Pos KM	Pos KM
R2GCJV	Pos KM	Pos KM
R2XPKD	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
R3CW7V	Pos KM, HemaTrace	Pos KM, HemaTrace
R3PHMJ	Pos KM	Pos KM
R3PLA8	Pos KM	Pos KM
R6CNW2	Pos KM	Pos KM
R6K83Y	Pos LMG	Pos LMG
RAAK4L	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
RF3L72	Pos LMG	Pos LMG
RFWQ62	Pos KM	Pos KM
RG7QA9	Pos LMG	Pos LMG
RGNMUV	Pos KM, TMB	Pos KM, TMB
RJDYLE	Pos O-tol	Pos O-tol
RQVE8W	Pos IR, TMB	Pos IR, TMB
RTEF3H	Pos KM	Pos KM
RTHY9U	Pos IR, TMB	Pos IR, TMB
RTZXCJ	Pos KM	Pos KM
RXXEND	Pos PTMB, HemaTrace	Pos PTMB
RXYCYA	Pos KM	Pos KM
RYMT8W	Pos IR, TMB	Pos IR, TMB
RYQBD8	Pos KM	Pos KM
RZ7GTW	Pos IR, TMB	Pos IR, TMB
RZHUV	Pos TMB	Pos TMB
T6DHB7	Pos TMB(Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
TEC8XA	Pos O-tol	Pos O-tol
TGZBF2	Pos KM, TR	Pos KM, TR
TH2BVM	Pos KM, HemaTrace	Pos KM, HemaTrace
TLCTMN	Pos KM, HemaTrace	Pos KM, HemaTrace
TPKPNK	Pos KM, Hemdirect	Pos KM, Hemdirect
TR8DZK	Pos KM, HemaTrace	Pos KM, HemaTrace
TRK33W	Pos IR, TMB	Pos IR, TMB
TUTX33	Pos LMG	Pos LMG
TVMV9N	Pos KM	Pos KM
U28EYA	Pos KM	Pos KM
U3GFUJ	Pos LMG, RSID Blood	Pos LMG, RSID Blood
U6R7AC	Pos O-tol	Pos O-tol
UA6784	Pos KM, Seratec	Pos KM, Seratec
UAE8Y4	Pos O-tol	Pos O-tol
UAF3HA	Pos KM	Pos KM
UAYNGR	Pos ABACard HemaTrace	Pos ABACard HemaTrace
UCK3R3	Pos OT, HemDirect	Pos OT, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UFAN3J	Pos KM	Pos KM
UHG4BB	Pos TMB, HemaTrace	Pos TMB, HemaTrace
UJ27PA	Pos KM	Pos KM
UJP8UZ	Pos KM	Pos KM
ULVQ29	Pos TMB, Micro	Pos TMB, Micro
UNYHTM	Pos ABA Heme	Pos ABA Heme
UPDXBU	Pos LMG	Pos LMG
UR3DDP	Pos TMB	Pos TMB
URXYZN	Pos KM, TMB	Pos KM, TMB
UTD6JK	Pos LMG	Pos LMG
UU3LGZ	Pos TMB	Pos TMB
UVHLZP	Pos TMB, IR	Pos TMB, IR
UWMMCL	Pos KM, HemaTrace	Pos KM, HemaTrace
UWQ7HX	Pos KM	Pos KM
UYJPUW	Pos TMB	Pos TMB
UZWGKT	Pos IR, TMB	Pos IR, TMB
V3BKLU	Pos KM	Pos KM
V3HGMU	Pos KM	Pos KM
V94FR9	Pos PTMB, HemDirect	Pos PTMB, HemDirect
VC3YPZ	Pos TMB	Pos TMB
VC6L8E	Pos KM, HemaTrace	Pos KM
VDVWVL	Pos KM	Pos KM
VDXJDZ	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
VE74AV	Pos LMG	Pos LMG
VFZHNT	Pos O-tol	Pos O-tol
VGCAM2	Pos LMG	Pos LMG
VGEJG2	Pos KM	Pos KM
VGUBJC	Pos O-tol	Pos O-tol
VJJEFP	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
VJMUVB	Pos KM, HemaTrace	Pos KM, HemaTrace
VJW73E	Pos KM	Pos KM
VLEWVX	Pos Combur (TMB), KM	Pos Combur (TMB), KM
VM66UZ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VMHQCP	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
VMZY36	Pos TMB, KM	Pos TMB, KM
VNEA8P	Pos KM	Pos KM
VPP2AE	Pos TMB	Pos PHT
VQ77WJ	Pos KM	Pos KM
VWCUJT	Pos TMB	Pos TMB
VWP63C	Pos KM	Pos KM
VXLYY3	Pos LMG	Pos LMG
W4MGRY	Pos LMG	Pos LMG
W64H32	Pos KM, HemDirect	Pos KM, HemDirect
W8PDJE	Pos KM	Pos KM
W9HBPZ	Pos KM	Pos KM
WB9LQE	Pos KM	Pos KM
WDRML2	Pos LMG	Pos LMG
WFYXJQ	Pos IR, TMB	Pos IR, TMB
WGTQE9	Pos KM, HemaTrace	Pos KM, HemaTrace
WHLGKN	Pos IR, TMB	Pos IR, TMB
WHTGWP	Pos KM	Pos KM
WKUM8P	Pos KM, HemaTrace	Pos KM, HemaTrace
WME3GC	Pos Hemoglobin specific antigen	Pos Hemoglobin specific antigen
WP7LB3	Pos KM	Pos KM
WP988J	Pos TMB, LMG, RSID	Pos TMB, LMG, RSID
WRRCPPE	Pos KM	Pos KM
WU2CZM	Pos TMB	Pos TMB
WVTEM3	Pos O-tol	Pos O-tol
WXDTZX	Pos KM, HemaTrace	Pos KM, HemaTrace
WXECXE	Pos KM	Pos KM
WZ8VAD	Pos KM	Pos KM
WZRU6Q	Pos LMG	Pos LMG
X2U2Y3	Pos LMG	Pos LMG
X3PLL3	Pos TMB, KM	Pos TMB, KM
X9E2EF	Pos KM	Pos KM
XD7D8Q	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XFG2Z4	Pos KM	Pos KM
XJ9KMT	Pos KM	Pos KM
XLHMJQ	Pos IR, TMB	Pos IR, TMB
XLK9F7	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XMV7FG	Pos KM	Pos KM
XN4BVQ	Pos KM	Pos KM
XNM34B	Pos KM	Pos KM
XQGRJP	Pos LMG	Pos LMG
XT2QN8	Pos KM, HemaTrace	Pos KM, HemaTrace
XTX9KG	Pos LMG	Pos LMG
XUDPK2	Pos PTMB, HemDirect	Pos PTMB, HemDirect
XV874Q	Pos KM, HemaTrace	Pos KM, HemaTrace
XVCLGQ	Pos KM	Pos KM
Y3MJ8H	Pos LMG; HemaTrace; HemDirect	Pos LMG; HemaTrace; HemDirect
Y4XVWT	Pos Hemastix, HemaTrace	Pos KM, HemaTrace
Y696Z6	Pos O-tol	Pos O-tol
Y6BM7G	Pos LMG, RSID	Pos LMG, RSID
Y7LPTE	Pos KM	Pos KM
Y8DTGF	Pos KM, HemaTrace	Pos KM, HemaTrace
Y8TPUU	Pos LMG	Pos LMG
YANJYW	Pos KM	Pos KM
YB3XGE	Pos ABA Heme	Pos ABA Heme
YC9WHU	Pos KM, HemaTrace	Pos KM, HemaTrace
YG4NN7	Pos KM, HemaTrace	Pos KM, HemaTrace
YG64TW	Pos LMG	Pos LMG
YGX2YH	Pos KM, HemaTrace	Pos KM, HemaTrace
YHGWUQ	Pos KM / HemaTrace	Pos KM / HemaTrace
YHXZHQ	Pos TMB	Pos TMB
YJ86UT	Pos TMB	Pos TMB
YJRN2L	Pos IR, TMB	Pos IR, TMB
YPXW9W	Pos KM	Pos KM
YQ97C9	Pos KM	Pos KM
YQAZ6E	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
YQT3K2	Pos TMB, KM	Pos TMB, KM
YTH26R	Pos IR, TMB	Pos IR, TMB
YUEMRQ	Pos TMB	Pos TMB
YW2AED	Pos KM, HemaTrace	Pos KM, HemaTrace
YWHFLP	Pos TMB	Pos TMB
YXAH96	Pos KM	Pos KM
YXPUTV	Pos LMG	Pos LMG
YYHRYG	Pos KM	Pos KM
YYNQQ7	Pos KM, Luminol	Pos KM, Luminol
Z2A2U4	Pos TMB, Micro	Pos TMB, Micro
Z2BR9Y	Pos KM, HEM	Pos KM, HEM
Z4B6J6	Pos KM, HemaTrace	Pos KM, HemaTrace
Z63BXC	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
Z63DJ9	Pos ALS, KM	Pos ALS, KM
Z66VPK	Pos IR, PHT	Pos IR, PHT
Z67UJR	Pos KM	Pos KM
Z97WR3	Pos KM, HemaTrace	Pos KM, HemaTrace
ZCKGTW	Pos LMG	Pos LMG
ZFQ4KT	Pos Combur (TMB), KM	Pos Combur (TMB), KM
ZLC6HX	Pos KM, HEM	Pos KM, HEM
ZLQN8W	Pos Kastle Meyer	Pos Kastle Meyer
ZM4XK3	Pos PTMB	Pos PTMB
ZNXFA6	Pos KM, HemaTrace	Pos KM, HemaTrace
ZPAFJY	Pos O-tol	Pos O-tol
ZPDXPA	Pos KM, HemaTrace	Pos KM
ZR2C9T	Pos KM, HemaTrace	Pos KM, HemaTrace
ZTAM6W	Pos TMB	Pos TMB
ZU3KBH	Pos KM	Pos KM
ZUUCGP	Pos KM	Pos KM
ZXP7EQ	Pos KM	Pos KM
ZYZY7K	Pos TMB	Pos TMB
ZZA73K	Pos HemaTrace	Pos HemaTrace
ZZVKTJ	Pos KM, TMB	Pos KM, TMB

Table 1a: Serology Screening Response Summary - BloodParticipants: **625**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	625	624
Negative	0	1
Inconclusive	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
23HL4P	Neg ALS, AP	Pos ALS, AP, Micro, PSA
24CCA4	Neg AP	Pos AP, Micro
24QN43	Neg ALS, AP	Pos ALS, AP, PSA, Micro
26KEAG	Neg ALS, AP	Pos ALS, AP, Micro, PSA
27BEUT	Neg AP, Micro, PSA	Pos AP, Micro, PSA
27WBEL	Neg ALS, AP	Pos ALS, AP, Micro
29JUFJ	Neg Micro, ABACard p30	Pos Micro, ABACard p30
2A3PBR	Neg ALS, AP, PSA	Pos ALS, AP, PSA
2E8DZM	Neg AP, ALS	Pos AP, ALS, Micro
2GYGPM	Neg AP, PSA	Pos AP, PSA
2JJXRM	Neg AP	Pos AP
2MGJG6	Neg AP	Pos AP
2MHUA9	Neg AP	Pos AP, Micro, PSA
2NHMFT	Neg AP, Micro, PSA	Pos AP, Micro, PSA
2P9VFW	Neg AP	Pos AP, Micro, PSA
2QMF97	Neg AP, PSA	Pos AP, PSA, Micro
2W8MHX	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
2WNLTB	Neg AP, Micro	Pos AP, Micro
2XNJCJ	Neg ALS, AP	Pos ALS, AP, Micro
2YGHH6	Neg AP, Micro	Pos AP, Micro
2YWZZG	Neg AP, PSA	Pos AP, PSA, Micro
2YXNP8	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
37F8T8	Neg AP	Pos AP
37PZ4U	Neg AP	Pos AP, Micro
38L4MA	Neg AP	Pos AP, Micro, PSA
38LYBM	Neg ALS, AP	Pos ALS, AP, Micro
3JG9XV	Neg AP, Micro	Pos AP, Micro
3JJTUB	Neg AP	Pos AP
3JZBT7	Neg Micro	Pos Micro
3L4WAV	Neg AP	Pos AP, Micro
3MFC4W	Neg AP, PSA	Pos AP, PSA
3NWFLV	Neg AP	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
3QCPDM	Neg RSID; ALS	Pos RSID; ALS
3RRGEW	Neg AP, PSA, Micro	Pos AP, PSA, Micro
3RRJ62	NT	Pos ALS, AP, PSA, Micro
3RZ6BJ	Neg AP	Pos AP/Micro
3TJFTV	Neg ALS, PSA	Pos ALS, PSA
3U2JA9	Neg AP	Pos AP, PSA
3UUHFU	Neg ALS, PSA	Pos ALS, PSA
3VD69A	Neg AP, PSA	Pos AP, PSA
3VU4L8	Neg AP	Pos AP
3Y868D	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
42CA4Y	Neg AP	Pos AP, Micro
42ETBA	Neg PSA	Pos PSA
44G8NL	Neg AP, Micro, p30	Pos AP, Micro, p30
44PN3T	Neg AP	Pos AP
44ZE4X	Neg AP, ALS, PSA, Micro	Pos AP, ALS, PSA, Micro
47B6KE	Neg Micro	Pos Micro
47PW84	Neg AP	Pos AP, PSA, Micro
4A6FYK	Neg PSA	Pos PSA
4A6HPP	Neg PSA, ALS	Pos PSA, ALS
4CDLLL	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4CWEDJ	Neg AP	Pos AP, PSA
4EHZ77	Neg ALS, AP	Pos ALS, AP, Micro
4EKL3L	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4EYPGT	Neg RSIDSemen, PSA, SAP	Pos RSIDSemen, PSA, SAP
4EZAWL	Neg ALS, AP	Pos ALS, AP, PSA, Micro
4FBNB3	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4FWKVV	Neg ALS, AP	Pos ALS, AP, PSA, Micro
4L4ZVJ	Neg AP, ALS	Pos AP, ALS
4NPZJE	Neg ALS, AP	Pos ALS, AP, Micro
4NVWKD	Neg AP	Pos AP
4RBQXP	Neg AP, Micro	Pos AP, Micro
4XEJ4E	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4XFEMK	Neg ALS, AP	Pos ALS, AP, Micro, PSA
4YMUWC	Neg ALS, AP	Pos ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
4YTWWH	Neg ALS, AP	Pos ALS, AP, Micro
63LFD7	Neg ALS, AP, Micro, p30	Pos ALS, AP, Micro
63N2AM	Neg ALS, AP, RSID Semen	Pos ALS, AP, RSID Semen, Micro
66BLZY	Neg AP	Pos AP, Micro
68FDRC	Neg AP, PSA	Pos AP, PSA, Micro
6A29E4	Neg AP	Pos AP, Micro, p30
6AK29M	Neg AP	Pos AP, Micro
6D467K	Neg AP, PSA, Micro	Pos AP, PSA, Micro
6D7RMX	Neg AP	Pos AP, Micro
6EEV99	Neg AP, Micro, PSA	Pos AP, Micro, PSA
6HJCUJ	Neg ALS, AP	Pos ALS, AP, p30, Micro
6K69AW	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
6K7A3A	Neg Micro	Pos Micro
6LVCYX	Neg AP	Pos AP, PSA
6N4HHD	Neg ALS, AP	Pos ALS, AP, Micro, PSA
6NN9F6	Neg ALS, AP	Pos ALS, AP, PSA, Micro
6PB7DA	Neg AP Test, Micro Exam	Pos AP Test, Micro Exam
6PWD2F	Neg AP	Pos AP, Micro
6TG9WL	Neg ALS, AP	Pos ALS, AP, Micro, PSA
6VGHPA	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
6VJFRJ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
6XDZ6H	Neg ALS, AP	Pos ALS, AP, Micro
6YLAT9	Neg AP	Pos AP
6YQP7A	Neg AP, Micro	Pos AP, Micro
6ZYLVK	Neg AP, PSA	Pos AP, PSA, Micro
732YVH	Neg AP, Micro	Pos AP, Micro
74XJJH	Neg AP, PSA	Pos AP, PSA, Micro
77XBAP	Neg AP, Micro	Pos AP, Micro
78RM4A	Neg ALS, AP	Pos ALS, AP, Micro
7A389C	Neg AP, PSA, ALS	Pos AP, PSA, Micro, ALS
7AK8F9	Neg AP	Pos AP
7CT9PL	Neg PSA, Micro	Pos PSA, Micro
7FP2EB	Neg AP	Pos AP
7GJRKP	Neg AP	Pos AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
7TUTXP	Neg AP, PSA, Micro	Pos AP, PSA, Micro
7U6VKN	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
7U9QBR	Neg AP, Micro, RSID	Pos AP, Micro
7X3UUX	Neg AP	Pos AP, PSA, Micro
7Y9TLM	Neg AP, PSA	Pos AP, PSA, Micro
822EB3	Neg ALS, AP	Pos ALS, AP, Micro
823DFW	Neg AP	Pos AP
82JJQF	Neg ALS, AP	Pos ALS, AP, Micro
899PYN	Neg AP	Pos AP
8AFVUJ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
8ATXPB	Neg AP, PSA	Pos AP, PSA, Micro
8BTN47	Neg AP	Pos AP, Micro
8FZE7C	Neg ALS, AP	Pos ALS, AP, Micro, PSA
8GVYUC	Neg AP	Pos AP
8JMX8A	Neg AP, Micro, PSA	Pos AP, Micro, PSA
8JNY39	Neg Micro	Pos Micro
8KV7E9	Neg RSID Semen	Pos RSID Semen
8MMA4A	Neg AP, Micro, PSA	Pos AP, Micro, PSA
8NTWC9	Neg AP, Micro, PSA	Pos AP, Micro, PSA
8PTMR3	Neg ALS, AP	Pos ALS, AP, PSA
8T9BCZ	Neg AP, PSA	Pos AP, PSA, Micro
8UML7Y	Neg AP, Seratec	Pos AP, Seratec, Micro
8VGCCD	Neg AP, ALS	Pos AP, ALS, Micro
93CREP	Neg AP	Pos AP, PSA, Micro
93ECA7	Neg AP	Pos AP
96EE8U	Neg PSA, AP	Pos PSA, AP
96J3GL	Neg AP, Microscopy	Pos AP, Microscopy
97CTMZ	Neg AP	Pos AP
99HECK	Neg AP, Micro	Pos AP, Micro
99U8W2	Neg ALS, AP	Pos ALS, AP, Micro
9AC6HZ	Neg AP	Pos AP
9APU96	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
9AVEEG	Neg Phosphadesmo KM, Seratec PSA	Pos Phosphadesmo KM, Seratec PSA
9BQC4G	Neg AP, ALS	Pos AP, PSA, Micro, ALS

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9DXLZK	Neg p30	Pos p30
9EN23F	Neg AP, ALS	Pos AP, ALS, Micro, PSA
9GNEGT	Neg AP, PSA, Micro	Pos AP, PSA, Micro
9JEDVQ	Neg ALS, AP	Pos ALS, AP, PSA, Micro
9NB64N	Neg PSA	Pos PSA
9RXNDL	Neg AP, Micro	Pos AP, Micro
9TKDBJ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
9TREJZ	Neg AP	Pos AP
9V786Y	Neg AP, Micro	Pos AP, Micro
9VEV2L	Neg AP, p30, Micro	Pos AP, p30, Micro
A4HJV6	Neg ap, Micro	Pos ap, Micro, psa
A6WWUZ	Neg AP, p30, Micro	Pos AP, p30, Micro
A8HK7Z	Neg AP	Pos AP, Micro, PSA
A9W8NE	Neg AP, PSA	Pos AP, PSA, Micro
ABLAWN	Neg AP	Pos AP
ACCQGW	Neg AP, Micro	Pos AP, Micro
ADCLGF	Neg AP, PSA	Pos AP, PSA, Microscopy-Sperm
ADP746	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
AGA4K9	Neg ALS, AP	Pos ALS, AP, Micro
AH32QU	Neg AP, Micro, PSA	Pos AP, Micro, PSA
AHGHRE	Neg ALS, AP	Pos ALS, AP, Micro, PSA
AJUWFN	Neg PSA	Pos PSA
AK42TC	Neg AP	Pos AP
AKT7H7	Neg Micro	Pos Micro
ALYP82	Neg AP	Pos AP
AQBQBK	Neg ALS, AP	Pos ALS, AP, Micro, PSA
AR4LTM	Neg ALS, PSA	Pos ALS, PSA
AUDBG6	Neg AP, PSA	Pos AP, PSA, Micro
AV89XC	Neg AP, PSA, Micro	Pos AP, PSA, Micro
AXDLL7	Neg Micro	Pos Micro
AYR4DP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
AZJ83Q	Neg AP	Pos AP, PSA, Micro
AZLTX7	Neg ALS, AP	Pos ALS, AP, Micro
B4F2LD	Neg ALS, AP	Pos ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
B4JMGT	Neg AP	Pos AP, Micro
B7AWDF	Neg ALS, AP, RSID	Pos ALS, AP, RSID, Microscopy
B7N88E	Neg ap	Pos ap, Micro
B8KRUE	Neg AP, PSA	Pos AP, PSA, Micro
B9UW83	Neg AP	Pos AP
BBETNF	Neg AP, ALS	Pos AP, ALS, Micro
BCC2WY	Neg AP, PSA	Pos AP, PSA, Micro
BD7L9Y	Neg AP	Pos AP
BHJL6Q	Neg ALS, AP, Micro	Pos ALS, AP, Micro
BJ8K2U	Neg ALS, AP	Pos ALS, AP, Micro, PSA
BJAKJN	Neg AP	Pos AP
BK4JA8	Neg ALS, AP, Micro	Pos ALS, AP, Micro
BMDF3R	Neg AP, Micro, RSID Sg	Pos AP, Micro
BPG3RP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
BQUMQQ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
BRQZAD	Neg AP	Pos AP, Micro, PSA
C78D76	Neg Micro	Pos Micro
C7ZDV3	Neg RSID Semen	Pos RSID Semen
CBCBG4	Neg AP, Micro	Pos AP, Micro
CCKHKW	Neg AP, ALS	Pos AP, ALS, Micro
CCMC43	Neg AP, Micro	Pos AP, Micro
CCPZKG	Neg ALS, PSA	Pos ALS, PSA
CEXWKD	Neg ALS, AP	Pos ALS, AP, Micro
CJ6BKH	Neg PSA, AP, Micro	Pos PSA, AP, Micro
CL9GB3	Neg AP, PSA	Pos AP, PSA
CLEJ6G	Neg ALS, AP	Pos ALS, AP, Micro, PSA
CMKH9H	Neg AP, PSA, Micro	Pos AP, PSA, Micro
CPW4RW	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
CTXUEB	Neg AP	Pos AP, PSA
CTXV9A	Neg ALS, AP	Pos ALS, AP, Micro
CU69LG	Neg PSA	Pos PSA
CVFKAT	Neg PSA, Micro	Pos PSA, Micro
CVHTDR	Neg AP	Pos AP, Micro
CVJJTM	Neg AP, Micro, RSID	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CWW6AB	Neg AP	Pos AP
CYEPU7	Neg AP	Pos AP, PSA, Micro
CZVRTR	Neg AP, Micro, PSA	Pos AP, Micro, PSA
D2NPXR	Neg AP	Pos AP, PSA, Micro
D3V8VM	Neg AP	Pos AP, PSA, Micro
D4842R	Neg AP	Pos AP, PSA, Micro
D4QRHM	Neg ALS, AP	Pos ALS, AP, Micro, PSA
D4VXBH	Neg AP	Pos AP
D62U87	Neg ALS, AP	Pos ALS, AP, Micro
D6GV8M	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
D7GUQV	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
D8ARWG	Neg PSA	Pos PSA
DAVN68	Neg ALS, AP	Pos ALS, AP, Micro
DBA7CK	Neg AP, Micro, RSID	Pos AP, Micro
DBNLAT	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
DBR9R8	Neg p30, Micro	Pos p30, Micro
DDH7MT	Neg AP, Seratec	Pos AP, Seratec, Micro
DDXEP2	Neg AP	Pos AP, PSA
DECWT8	Neg ALS, AP	Pos ALS, AP, Micro
DF6UXT	Neg AP, Micro	Pos AP, Micro
DFR472	Neg AP, Micro	Pos AP, Micro, p30
DGFNKK	Neg ALS, AP	Pos ALS, AP, Micro, PSA
DGYJD9	Neg ALS, AP	Pos ALS, AP, Micro
DH8MYJ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
DJQF32	Neg AP, Micro	Pos Micro, AP, p30
DLV8UF	Neg AP, PSA, Micro	Pos AP, PSA, Micro
DPP2XH	Neg PSA	Pos PSA
DPTTGC	Neg AP, PSA, Micro	Pos AP, PSA, Micro
DREYXG	Neg AP, PSA, Micro	Pos AP, PSA, Micro
DRXDCY	Neg AP, Micro	Pos AP, Micro
DTPA2R	Neg AP, Micro	Pos AP, Micro
DTTR94	Neg RSID	Pos RSID
DX6NZK	Neg AP	Pos AP
E4J6ED	Neg ALS, PSA	Pos ALS, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
E4QZED	Neg ALS, AP	Pos ALS, AP, Micro, PSA
EBLCZ9	Neg ALS, AP	Pos ALS, AP, Micro
ECCFPA	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
EDEWC8	Neg AP, PSA, Micro	Pos AP, PSA, Micro
EDQKKL	Neg AP	Pos AP, Micro, PSA
EDTHNV	Neg AP, PSA, Micro	Pos AP, PSA, Micro
EE7Y29	Neg ALS, AP	Pos ALS, AP, Micro, PSA
EHNCLW	Neg AP	Pos AP
EKF9AQ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
ELKR7D	Neg PSA	Pos PSA
EQFBUC	Neg AP, Micro, PSA	Pos AP, Micro, PSA
EQV3WL	Neg ALS, AP, p30, Micro	Pos ALS, AP, p30, Micro
ERDWWV	Neg ALS, AP	Pos ALS, AP, Micro
ETMYKF	Neg PSA, ALS	Pos PSA, ALS
EU43N8	Neg PSA	Pos PSA, Micro
EZKQTA	Neg AP, PSA	Pos AP, PSA
F4HPMY	Neg ALS, AP	Pos ALS, AP, Micro
FB2X64	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
FBZDPB	Neg AP, p30, Micro	Pos AP, p30, Micro
FDQZGJ	Neg AP	Pos AP, PSA, Micro
FEE84M	Neg ALS, AP	Pos ALS, AP, PSA, Micro
FELK4H	Neg AP, ALS	Pos AP, PSA, ALS, Micro
FFGAD7	Neg PSA, Micro	Pos PSA, Micro
FGQAHD	Neg p30, AP, Micro	Pos p30, AP, Micro
FH3XWJ	Pos AP, Micro, RSID	Pos AP, Micro
FJAAH2	Neg AP, PSA	Pos AP, PSA, Micro
FKNRJL	Neg ALS Micro AP PSA	Pos ALS Micro AP PSA
FN9RRE	Neg AP, Micro	Pos AP, Micro
FNNX6J	Neg AP	Pos AP, Micro, PSA
FP9H7A	Neg AP, Micro	Pos AP, Micro
FPZWYR	Neg ALS, AP, Micro	Pos ALS, AP, Micro
FRLJRF	Neg ALS, AP	Pos ALS, AP, Micro, p30
FRTJ2W	Neg AP	Pos AP
FUDFGA	Neg ALS, AP	Pos ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
FUFLQB	Neg AP, Micro, PSA	Pos AP, Micro, PSA
FV93TD	Neg PSA	Pos PSA
FVPCQK	Neg Brentamine	Pos Brentamine, Micro, PSA
FWKXDJ	Neg ALS, AP, Micro	Pos ALS, AP, Micro, PSA
FWZYH8	Neg AP	Pos AP
FYMVNC	Neg ALS, AP	Pos ALS, Micro, AP, PSA
G3M7JC	Neg ALS, AP	Pos ALS, AP, Micro, PSA
G4F4PX	Neg AP	Pos PSA, AP
G4F6RJ	Neg AP	Pos AP, Micro, PSA
G4G3UR	Neg AP	Pos AP
G6VAF9	Neg AP, PSA, Micro	Pos AP, PSA, Micro
G7LHFC	Neg ALS, AP	Pos ALS, AP, PSA, Micro
G7MD3N	Neg AP	Pos AP, PSA, Micro
GD7TGK	Neg ALS, AP, Micro	Pos ALS, AP, Micro
GDQAWM	Neg AP	Pos AP, Micro
GF9N7N	Neg AP, Micro, PSA	Pos AP, Micro, PSA
GFQPWX	Neg PSA, Micro	Pos PSA, Micro
GHDLQC	Neg AP	Pos AP, PSA, Micro
GHHTLX	Neg AP, Micro	Pos AP, Micro
GKMCQL	Neg AP	Pos AP, Micro
GLEB6J	Neg AP	Pos AP, Micro, PSA
GPDVMA	Neg PSA	Pos PSA
GR8C7X	Neg RSID Semen	Pos RSID Semen
GV39PX	Neg RSID-Semen	Pos RSID-Semen
GXV8XU	Neg AP, p30, Micro	Pos AP, p30, Micro
H2MR4X	Neg AP, Micro	Pos AP, Micro
H2NJHT	Neg AP, PSA	Pos AP, PSA, Micro
H2NXUM	Neg PSA, Micro	Pos PSA, Micro
H3EVRX	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
H3YHEM	Neg ALS, AP	Pos ALS, AP, Micro, PSA
H63ZRW	Neg AP, PSA	Pos AP, PSA, Micro
H9T7H9	Neg AP, p30, Micro	Pos AP, p30, Micro
HE2MZA	Neg AP, ALS	Pos AP, ALS, Micro
HERQDP	Neg AP, Micro	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
HEYT94	Neg ALS, AP	Pos ALS, AP, Micro, PSA
HHUREL	Neg p30, Micro	Pos p30, Micro
HHWAKX	Neg RSID	Pos RSID
HHYDX9	Neg ALS, AP	Pos ALS, AP, Micro, p30
HJ6QBF	Neg AP	Pos AP
HKWMYA	Neg AP, PSA	Pos AP, PSA, Micro
HM4ZM4	Neg ALS, AP	Pos ALS, AP, Micro
HTC7GN	Neg AP, Micro	Pos AP, Micro
HUPT2N	Neg AP, Seratec	Pos AP, Seratec, Micro
HVHVTX	Neg Micro	Pos Micro
HVJK83	Neg ALS, AP	Pos ALS, AP, Micro
HWCHDN	Neg AP, Micro	Pos AP, Micro
HXLMQC	Neg PSA	Pos PSA
HZUUXC	Neg ALS, AP	Pos ALS, AP, Micro, PSA
J26Y9E	Neg ALS, AP	Pos ALS, AP, PSA, Micro
J4DXUA	Neg AP	Pos AP, Micro
J4RJ7W	Neg Micro	Pos Micro
J6G4HU	Neg AP, PSA, Micro	Pos AP, PSA, Micro
JAFFKL	Neg AP	Pos AP, PSA, Micro
JAKECB	Neg AP	Pos AP, Micro
JAWGGV	Neg AP, Micro	Pos AP, Micro
JAX8VQ	Neg AP	Pos AP, Micro
JCLLEA	Neg AP	Pos AP, PSA, Micro.
JDKYTF	Neg AP, Micro, RSID	Pos AP, Micro
JGJBPE	Neg AP, Micro, RSID	Pos AP, Micro
JNF6MD	Neg AP	Pos AP
JTWDBD	Neg AP	Pos AP
JUHB8H	Neg AP (GBC), ALS, p30, Microscopy	Pos AP (GBC), ALS, p30, Microscopy
JVWHTY	Neg AP, PSA	Pos AP, PSA, Micro
JZ7X3M	Neg AP & Micro	Pos AP & Micro
JZBCQA	Neg AP	Pos AP
K3RZLG	Neg PSA	Pos PSA
KCJ9EK	Neg AP	Pos AP, Oppitz
KDPZXK	Neg AP, Micro	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
KDRKRF	Neg AP, ALS, Micro	Pos AP, ALS, Micro
KFJKAJ	Neg AP	Pos AP, Micro
KFJNH2	Neg p30, Micro	Pos p30, Micro
KGUZ8D	Neg AP	Pos AP, Micro
KHJWMB	Neg PSA	Pos PSA
KJHXT3	Neg AP, ALS	Pos AP, ALS, Micro
KKDL2Q	Neg AP, p30, Micro	Pos AP, p30, Micro
KNB7VN	Neg ALS, AP	Pos ALS, AP, Micro
KPR6J8	Neg AP	Pos AP, Micro
KRENK6	Neg AP, PSA, Micro	Pos AP, PSA, Micro
KT6WJ9	Neg AP, ALS	Pos AP, PSA, Micro
KTMJLH	Neg AP, Micro	Pos Micro
KTNTZE	Neg AP	Pos AP
KUEFBC	Neg AP, p30	Pos AP, p30, Micro
KVRFK7	Neg AP	Pos AP, PSA, Micro
KW4EHZ	Neg p30, Micro	Pos p30, Micro
KWMVHH	Neg AP, Micro	Pos Micro
L2GFER	Neg AP	Pos AP, PSA, Micro
L3DYBR	Neg AP, PSA	Pos AP, PSA
L3VMU8	Neg AP; Micro	Pos AP; Micro
L4K876	Neg PSA	Pos PSA
L8KJ36	Neg PSA, ALS	Pos PSA, ALS
L9ZQFZ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
LBHV4W	Neg ALS, AP	Pos ALS, AP, Micro
LCX49Q	Neg AP, Micro	Pos AP, Micro
LE2ZPD	Neg ALS, AP	Pos ALS, AP, PSA, Micro
LE4LCV	Neg Brentamine	Pos Brentamine
LEFGUE	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
LGBXC3	Neg ALS, AP	Pos ALS, AP, Micro, PSA
LHYF89	Neg PSA, ALS	Pos PSA, ALS
LJXPAQ	Neg PSA	Pos PSA
LKA8PP	Neg AP	Pos AP
LR79G4	Neg AP, ALS	Pos AP, ALS, Micro, PSA
LRM8U2	Neg AP	Pos AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LT66FY	Neg AP	Pos AP, Micro, PSA
LTHU9Q	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
LUA42R	Neg AP	Pos AP, PSA
LUZRT3	Neg AP, PSA, Micro	Pos AP, PSA, Micro
LWZ8QR	Neg SM	Pos SM
M36BE7	Neg AP, Micro, PSA	Pos AP, Micro, PSA
M42RJF	Neg AP	Pos AP, Micro
M6TQYY	Neg PSA	Pos PSA, Micro
M76JHF	Neg AP	Pos AP
M8DQNU	Neg AP, ALS, PSA	Pos AP, ALS, PSA
MBZ97E	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
MCQCUF	Neg AP	Pos AP
MCRH22	Neg AP, PSA	Pos AP, PSA, Micro
MEYHH2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
MFD39Q	Neg AP	Pos AP
MJ833T	Neg ALS, AP	Pos ALS, AP, Micro
ML2MER	Neg AP	Pos AP
MLHYUC	Neg AP	Pos AP
MLY2FQ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
MMCJN3	Neg AP	Pos AP, Micro
MP4FCW	Neg AP	Pos AP, Micro, PSA
MRAYJ6	Neg BCIP	Pos BCIP, Micro, PSA
MUQFHC	Neg AP	Pos AP, PSA, Micro
MUUXNM	Neg ALS, AP	Pos ALS, AP, PSA, Micro
MXQQDC	Neg AP	Pos AP, PSA, Micro
MZCEPC	Neg AP, PSA	Pos AP, PSA
N63BR8	Neg AP, RSID-Semen	Pos AP, RSID-Semen
N6BWYP	Neg PSA	Pos PSA
N98UXF	Neg AP	Pos AP, PSA, Micro
NBDBDY	Neg AP	Pos AP, Micro, PSA
NBWUKR	Neg AP	Pos AP
NDJHWR	Neg RSID Semen	Pos RSID Semen
NETU7F	Neg AP, Micro, PSA	Pos AP, Micro, PSA
NHUAR6	Neg AP, ALS, PSA, Micro	Pos AP, ALS, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
NLCZ3M	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Mirco
NLWPG2	Neg AP, Micro, PSA	Pos AP, Micro, PSA
NM4VRG	Neg AP, Micro, PSA	Pos AP, Micro, PSA
NMMT4G	Neg AP	Pos AP, PSA, Micro
NNNGT8	Neg AP	Pos AP
NPVZC2	Neg AP, PSA, Micro	Pos AP, PSA, Micro
NQM4YG	Neg AP	Pos AP, PSA, Micro
NU74DB	Neg ALS, AP	Pos ALS, AP, Micro, PSA
P4NE8H	Neg AP, PSA, Micro	Pos AP, PSA, Micro
P6ZQVR	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
P7ZP7D	Inc AP, Micro, RSID	Pos AP, Micro
PBQBKT	Neg AP	Pos AP, PSA
PC2XGL	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
PDGB23	Neg AP and PSA	Pos AP, PSA and Micro
PEM2Q6	Neg PSA	Pos PSA
PGJ4AF	Neg ALS, AP, Micro	Pos ALS, AP, Micro
PHACAJ	Neg ALS, AP, Micro	Pos ALS, AP, Micro
PMFACV	Neg p30, Micro	Pos p30, Micro
PNEBHM	Neg AP	Pos AP, Micro
PRWLJX	Neg AP	Pos AP
PTA3QK	Neg AP	Pos AP, Micro, PSA
PV4L3J	Neg AP	Pos AP
PVDEC8	Neg AP, RSID Semen, ALS	Pos AP, RSID Semen, ALS
PW8J3E	Neg ALS, AP	Pos ALS, AP, PSA, Micro
PWB2AP	Neg AP	Pos AP
PZ4CUN	Neg AP, Micro, PSA	Pos AP, Micro, PSA
Q3R4JY	Neg ALS, AP, Micro	Pos ALS, AP p30, Micro
Q6LMVY	Neg ALS, AP	Pos ALS, AP, PSA, Micro
Q6X3KE	Neg ALS, AP	Pos ALS, AP, Micro, PSA
Q7B3WU	Neg AP	Pos AP, Micro
QBH7RG	Neg PSA	Pos PSA
QCGRGM	Neg PSA	Pos PSA
QCWXUR	Neg AP	Pos AP, PSA, Micro
QD9V6N	Neg PSA	Pos PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
QDW46J	Neg AP	Pos AP
QENZUD	Neg ALS, AP, Micro	Pos ALS, AP, Micro
QFGZKX	Neg ALS, AP	Pos AP, Micro, ALS, PSA
QGE2Y2	Neg AP	Pos AP, Micro
QHN3TM	Neg AP, Micro, PSA	Pos AP, Micro, PSA
QL282G	Neg AP spot, Micro	Pos AP spot, Micro
QNBKJ	Neg AP	Pos AP
QQL4X8	Neg AP, Micro, RSID	Pos AP, Micro
QVBKAX	Neg ALS, AP	Pos ALS, AP, PSA, Micro
QYCHQR	Neg AP, PSA, Micro	Pos AP, PSA, Micro
R2GCJV	Neg ALS, AP	Pos ALS, AP, Micro
R2XPKD	Neg ALS, AP, PSA	Pos ALS, AP, PSA, Micro
R3CW7V	Neg AP, PSA, Micro	Pos AP, PSA, Micro
R3PHMJ	Neg ALS, AP	Pos ALS, AP, Micro
R3PLA8	Neg AP	Pos AP
R6CNW2	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
R6K83Y	Neg AP	Pos AP, Micro
RAAK4L	Neg AP, PSA	Pos AP, PSA
RF3L72	Neg AP	Pos AP, Micro
RFWQ62	Neg PSA	Pos PSA
RG7QA9	Neg AP	Pos AP, Micro, PSA
RGNMUV	Neg AP	Pos AP, PSA, Micro
RJDYLE	Neg AP	Pos AP, Micro
RQVE8W	Neg ALS, AP	Pos ALS, AP, Micro, PSA
RTEF3H	Neg AP, ALS	Pos AP, ALS, Micro
RTHY9U	Neg ALS, AP	Pos ALS, AP, Micro
RTZXCJ	Neg AP	Pos AP
RXXEND	Neg AP, PSA, ALS	Pos AP, PSA, Micro, ALS
RYMT8W	Neg ALS, AP	Pos ALS, AP, Micro, PSA
RYQBD8	Neg AP	Pos AP
RZ7GTW	Neg ALS, AP	Pos ALS, AP, Micro, PSA
RZHUV	Neg ALS, AP	Pos ALS, AP, Micro
T6DHB7	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TEC8XA	Neg AP, PSA, Micro	Pos AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
TGZBF2	Neg AP, Micro	Pos AP, Micro
TH2BVM	Neg ALS, AP, Microscopy	Pos ALS, AP, Microscopy
TLCTMN	Neg AP, PSA	Pos AP, PSA, Micro
TPKPNK	Neg AP	Pos AP
TR8DZK	Neg AP	Pos AP, Micro
TRK33W	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TUTX33	Neg ALS, AP	Pos ALS, AP, Micro, PSA
TVMV9N	Neg AP	Pos AP, Micro
U28EYA	Neg AP, ALS, Micro	Pos AP, ALS, Micro
U3GFUJ	Neg AP, RSID Semen	Pos AP, RSID Semen
U6R7AC	Neg AP	Pos Microscopy/ AP
UA6784	Neg AP, Micro, RSID	Pos AP, Micro
UAE8Y4	Neg AP	Pos AP, Micro
UAF3HA	Neg AP, PSA, Micro	Pos AP, PSA, Micro
UAYNGR	Neg ABACard p30, Micro	Pos ABACard p30, Micro
UCK3R3	Neg AP, PSA	Pos AP, PSA
UFAN3J	Neg AP	Pos AP
UHG4BB	Neg AP	Pos AP, Micro
UJ27PA	Neg AP, Micro	Pos AP, Micro
UJP8UZ	Neg PSA	Pos PSA
ULVQ29	Neg AP	Pos AP, Micro
UNYHTM	Neg RSID Semen	Pos RSID Semen
UPDXBU	Neg ALS, AP	Pos ALS, AP, Micro, PSA
UR3DDP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
URXYZN	Neg AP	Pos AP
UTD6JK	Neg AP	Pos AP, PSA
UU3LGZ	Neg ALS, AP	Pos ALS, AP, PSA, Micro
UVHLZP	Neg ALS, AP	Pos ALS, AP, Micro
UWMMCL	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
UWQ7HX	Neg AP	Pos AP, Micro
UYJPUW	Neg ALS, AP	Pos ALS, AP, Micro, PSA
UZWGKT	Neg ALS, AP	Pos ALS, AP, Micro, PSA
V2JGXU		Pos Micro
V3BKLU	Neg AP, PSA	Pos AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
V3HGMU	Neg AP	Pos AP, Micro
V94FR9	Neg ALS, AP	Pos ALS, AP, PSA, Micro
VC3YPZ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
VC6L8E	Neg AP	Pos AP, Micro
VDVWVL	Neg AP	Pos AP, PSA, Micro
VDXJZ	Neg AP, RSID-Semen, PSA	Pos AP, RSID-Semen, PSA
VE74AV	Neg AP, PSA, Micro	Pos AP, PSA, Micro
VFZHNT	Neg AP, PSA	Pos AP, PSA
VGCAM2	Neg AP	Pos AP, Micro, PSA
VGEJG2	Neg AP, Micro	Pos AP, Micro
VGUBJC	Neg AP, PSA, Micro	Pos AP, PSA, Micro
VJJEFP	Neg AP Spot, Seratec PSA, Micro	Pos AP Spot, Seratec PSA, Micro
VJMUVB	Neg AP, Seratec	Pos AP, Seratec, Micro
VJW73E	Neg ALS, AP	Pos ALS, AP, Micro
VLEWVX	Neg AP, PSA	Pos AP, PSA, Micro
VM66UZ	Neg AP	Pos AP
VMHQCP	Neg AP, Seratec PSA, Micro	Pos AP, Seratec PSA, Micro
VMZY36	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
VNEA8P	Neg ALS, AP	Pos ALS, AP, Micro
VPP2AE	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
VQ77WJ	Neg AP, Micro, PSA	Pos AP, Micro, PSA
VWCUJT	Neg ALS, AP	Pos ALS, AP, Micro
VWP63C	Neg AP	Pos AP, PSA
VXLYY3	Neg AP	Pos AP, Micro, PSA
W4MGRY	Neg AP, PSA	Pos AP, PSA
W64H32	Neg AP, Micro, RSID	Pos AP, Micro
W8PDJE	Neg AP	Pos AP, PSA
W9HBPZ	Neg PSA	Pos PSA
WB9LQE	Neg AP	Pos AP
WDRML2	Neg ALS, AP	Pos ALS, AP, Micro, PSA
WFYXJQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
WGTQE9	Neg AP, Seratec	Pos AP, Seratec, Micro
WHLGKN	Neg ALS, AP	Pos ALS, AP, Micro
WHTGWP	Neg ALS, AP	Pos ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
WKUM8P	Neg AP, PSA, Micro	Pos AP, PSA, Micro
WME3GC	Neg PSA	Pos PSA
WP7LB3	Neg AP, PSA	Pos AP, Micro
WP988J	Neg AP, Micro	Pos AP, Micro, RSID
WRRCPPE	Neg AP	Pos AP
WU2CZM	Neg ALS, AP, Micro	Pos ALS, AP, Micro
WVTEM3	Neg ALS, AP	Pos ALS, AP, Micro
WXDTZX	Neg AP, PSA, Micro	Pos AP, PSA, Micro
WXECXE	Neg PSA	Pos PSA
WZ8VAD	Neg AP	Pos AP
WZRU6Q	Neg ALS, AP	Pos ALS, AP, PSA, Micro
X2U2Y3	Neg AP	Pos AP/PSA/Micro
X3PLL3	Neg ALS, AP, Micro, PSA	Pos ALS, AP, Micro, PSA
X9E2EF	Neg AP	Pos AP, PSA, Micro
XD7D8Q	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
XJ9KMT	Neg AP	Pos AP, Micro
XLHMQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
XLK9F7	Neg AP, Micro, PSA	Pos AP, Micro, PSA
XMV7FG	Neg AP, PSA, Micro	Pos AP, PSA, Micro
XMNLR		Pos Micro
XN4BVQ	Neg AP	Pos AP, Micro
XNM34B	Neg AP, Micro	Pos AP, Micro
XQGRJP	Neg ALS, AP	Pos ALS, AP, PSA
XT2QN8	Neg AP	Pos AP, Micro, PSA
XTX9KG	Neg PSA	Pos PSA
XUDPK2	Neg ALS, AP	Pos ALS, AP, PSA, Micro
XV874Q	Neg AP, PSA, Micro	Pos AP, PSA, Micro
XVCLGQ	Neg ALS, AP	Pos ALS, AP, Micro
Y3MJ8H	Neg AP; PSA; ALS	Pos AP; PSA; ALS
Y4XVWT	Neg AP, PSA, Micro	Pos AP, PSA, Micro
Y696Z6	Neg AP	Pos AP, Micro
Y6BM7G	Neg ALS, AP	Pos ALS, AP, RSID, Micro
Y7LPTE	Neg AP	Pos AP, Micro, p30
Y8DTGF	Neg AP, Micro, ALS	Pos AP, Micro, ALS

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
Y8TPUU	Neg AP, Micro	Pos AP, Micro
YANJYW	Neg AP	Pos AP
YB3XGE	Neg RSID Semen	Pos RSID Semen
YC9WHU	Neg AP, PSA, Micro	Pos AP, PSA, Micro
YG4NN7	Neg AP, PSA, Micro	Pos AP, PSA, Micro
YG64TW	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YGX2YH	Neg AP	Pos AP, PSA, Micro
YHGWUQ	Neg AP / PSA / Micro	Pos AP/ PSA / Micro
YHXZHQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YJ86UT	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YJRN2L	Neg ALS, AP	Pos ALS, AP, Micro
YPXW9W	Neg AP	Pos AP, Micro
YQ97C9	Neg AP, Micro, PSA	Pos AP, Micro, PSA
YQAZ6E	Neg AP	Pos AP
YQT3K2	Neg ALS, AP, PSA, Micro	Pos ALS, AP, PSA, Micro
YTH26R	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YUEMRQ	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YW2AED	Neg AP, p30, Micro, ALS	Pos AP, p30, Micro, ALS
YWHFLP	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YXAH96	Neg AP, Micro	Pos AP, Micro
YXPUTV	Neg ALS, AP	Pos ALS, AP, Micro, PSA
YYHRYG	Neg AP	Pos AP, PSA, Micro
YYNQQ7	Neg ALS, AP, Micro	Pos ALS, AP, Micro
Z2A2U4	Neg AP	Pos AP, Micro
Z2BR9Y	Neg AP, Micro, RSID	Pos AP, Micro
Z4B6J6	Neg AP, Seratec	Pos AP, Seratec, Micro
Z63BXC	Neg AP, RSID-Semen	Pos AP, RSID-Semen
Z63DJ9	Neg ALS, AP	Pos ALS, AP, Micro
Z66VPK	Neg ALS, AP	Pos ALS, AP, Micro
Z67UJR	Neg PSA	Pos PSA
Z97WR3	Neg AP, Seratec	Pos AP, Seratec, Micro
ZCKGTW	Neg RSID	Pos RSID
ZFQ4KT	Neg AP, PSA	Pos AP, PSA, Micro
ZLC6HX	Neg AP, Micro, RSID	Pos AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZLQN8W	Neg Seratec	Pos Seratec
ZM4XK3	Neg AP	Pos AP, Micro
ZNXFA6	Neg PSA, Micro	Pos PSA, Micro
ZPAFJY	Neg AP	Pos AP, PSA
ZPDXPA	Neg AP	Pos AP, Micro, PSA
ZR2C9T	Neg AP, Micro, PSA	Pos AP, Micro, PSA
ZTAM6W	Neg ALS, AP	Pos ALS, AP, Micro, p30
ZU3KBH	Neg AP	Pos AP, PSA, Micro
ZUUCGP	Neg AP, Micro	Pos AP, Micro
ZXP7EQ	Neg AP, PSA, Micro	Pos AP, PSA, Micro
ZYZY7K	Neg ALS, AP	Pos ALS, AP, PSA, Micro
ZZA73K	Neg p30, Micro	Pos p30, Micro
ZZVKTJ	Neg AP	Pos AP

Table 1b: Serology Screening Response Summary - Semen		Participants: 623	
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	1	623	
Negative	618	0	
Inconclusive	1	0	

Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
2MHUA9	Neg RSID-Saliva	Neg RSID-Saliva
2NHMFT	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
2QMF97	Neg Phadebas tablet	NT
3QCPDM	Neg RSID; ALS	Neg RSID; ALS
3RRGEW	Neg SALIgAE	Neg SALIgAE
3U2JA9	NT	Neg RSID
3Y868D	Neg ALS, Phadebas	Neg ALS, Phadebas
42CA4Y	Neg ALS	NT
42ETBA	Neg RSID	Neg RSID
47PW84	Neg Phadebas Tablet	NT
4A6FYK	Neg Phadebas test	Neg Phadebas test
4EYPGT	Neg RSID-Saliva	Inc RSID-Saliva
4RBQXP	Neg RSID	Neg RSID
63LFD7	Neg ALS, SALIgAE, Micro	Neg ALS, SALIgAE, Micro
6A29E4	Neg RSID-Saliva	Neg RSID-Saliva
6D467K	Neg Phadebas	Neg Phadebas
6HJCUJ	Neg Phadebas Tablet	NT
6VGHPA	Neg ALS, Phadebas	Neg ALS, Phadebas
74XJJH	Neg Phadebas Tablets	NT
7Y9TLM	Neg Phadebas	Neg Phadebas
8AFVUJ	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
8ATXPB	Neg Phadebas	Neg Phadebas
8NTWC9	Neg Phadebas	Neg Phadebas
8PTMR3	NT	Neg RSID
8T9BCZ	Neg P tab	Neg P tab
96J3GL	Neg RSID	Neg RSID
99HECK	Neg RSID	Neg RSID
9APU96	Neg ALS, Phadebas	Neg ALS, Phadebas
9AVEEG	Neg Seratec AMY	Neg Seratec AMY
9BQC4G	Neg Phadebas	NT
9NB64N	Neg RSID	Neg RSID
9RXNDL	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
9VEV2L	Neg SALIgAE	Neg SALIgAE
A6WWUZ	Neg Amylase Diffusion	Neg Amylase Diffusion
A8HK7Z	NT	Neg RSID
A9W8NE	Neg Phadebas tablet	Neg Phadebus tablet
ADCLGF	Neg Phadebas	Neg Phadebas
ADP746	Neg ALS, Phadebas	Neg ALS, Phadebas
AUDBG6	Neg Phadebas	Neg Phadebas
AV89XC	Neg Phadebas	Neg Phadebas
AZJ83Q	Neg SALIgAE	Neg SALIgAE
B4JMGT	Neg Phadebas	Neg Phadebas
B8KRUE	Neg Phadebas Tablet	Neg Phadebas Tablet
BHJL6Q	Neg Phadebas	Neg Phadebas
BQUMQQ	Neg ALS, Phadebas	Neg ALS, Phadebas
CL9GB3	Neg RSID	Neg RSID
CVFKAT	Neg RSID	Neg RSID
DBNLAT	Neg Amylase Seratec Card	Neg Amylase Seratec Card
DDXEP2	Neg RSID Saliva	Neg RSID Saliva
DPTTGC	Neg Phadebas	Neg Phadebas
ECCFPA	Neg SALIgAE	Neg SALIgAE
EDEWC8	Neg Phadebas	Neg Phadebas
EDQKKL	Neg SALIgAE	Neg
EDTHNV	Neg Amylase Diffusion	Neg Amylase Diffusion
EKF9AQ	Neg Amylase Diffusion	Neg Amylase Diffusion
EQFBUC	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
FB2X64	Neg Seratec Amylase	Neg Seratec Amylase
FGQAHD	Neg Phadebas	Neg Phadebas
FN9RRE	Neg RSID	Neg RSID
FUFLQB	Neg Amylase	Neg Amylase
G4F4PX	Neg RSID	Neg RSID
G4F6RJ	Neg SALIgAE	Neg SALIgAE
G6VAF9	Neg Phadebas	Neg Phadebas
GD7TGK	Neg ALS, Phadebas	Neg ALS, Phadebas
GDQAWM	Neg Phadebas	Neg Phadebas
GFQPWX	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
GV39PX	Neg SALIgAE	Neg SALIgAE
GXV8XU	Neg SALIgAE	Neg SALIgAE
H2NXUM	Neg RSID	Neg RSID
H3EVRX	Neg ALS, Phadebas	Neg ALS, Phadebas
H9T7H9	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
HE2MZA	Neg RSID	Neg RSID
HHUREL	Neg Phadebas	Neg Phadebas
JAX8VQ	Neg Phadebas	Neg Phadebas
KHJWMB	Neg RSID	Neg RSID
KKDL2Q	Neg SALIgAE	Neg SALIgAE
KRENK6	Neg Phadebas	Neg Phadebas
KUEFBC	Neg RSID	Neg RSID
L9ZQFZ	Neg Phadebas	Neg Phadebas
LTHU9Q	Neg Amylase TEST	Neg Amylase TEST
LUZRT3	Neg Phadebas	Neg Phadebas
LWZ8QR	Neg SALIgAE	Neg SALIgAE
M36BE7	Neg Phadebas	Neg Phadebas
M42RJF	Neg Phadebas	Neg Phadebas
MCRH22	Neg Phadebas Tablet	Neg Phadebas Tablet
MLY2FQ	Neg RSID	Neg RSID
N63BR8	Neg RSID-Saliva	Neg RSID-Saliva
NLCZ3M	Neg Amylase Test	Neg Amylase Test
NLWPG2	Neg Phadebas	Neg Phadebas
NPVZC2	Neg Phadebas	Neg Phadebas
P4NE8H	Neg Phadebas Amylase Test	Neg Phadebas Amylase Test
P6ZQVR	Neg Phadebas	Neg Phadebas
PC2XGL	Neg Amylase	Neg Amylase
PDGB23	Neg Phadebas	Neg Phadebas
PGJ4AF	Neg Amylase Diffusion	Neg Amylase Diffusion
PHACAJ	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
PVDEC8	Neg RSID Saliva, ALS	Pos RSID Saliva, ALS
QBH7RG	Neg RAID-Saliva	Neg RAID-Saliva
QCGRGM	Neg RSID	Neg RSID
QD9V6N	NT	Neg SALIgAE

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
QENZUD	Neg Amylase Diffusion	Neg Amylase Diffusion
QVBKAX	Neg Phadebas tablet	NT
QYCHQR	Neg Phadebas	Neg Phadebas
R3CW7V	Neg Phadebas	Neg Phadebas
U28EYA	Neg Phadebas	Neg Phadebas
U3GFUJ	Neg RSID Saliva	Neg RSID Saliva
UCK3R3	Neg RSID Saliva	Neg RSID Saliva
UHG4BB	Neg RSID	Neg RSID
UTD6JK	Neg RSID-Saliva	Neg RSID-Saliva
UWMMCL	Neg ALS, Phadebas	Neg ALS, Phadebas
VDXJZ	Neg SALIgAE, RSID-Saliva	Neg SALIgAE, RSID-Saliva
VGUBJC	Neg Seratec-Amylase	Neg Seratec-Amylase
VJJEFP	Neg Seratec Amylase	Neg Seratec Amylase
VLEWVX	Neg Phadebas	Neg Phadebas
VMHQCP	Neg Seratec Amylase	Neg Seratec Amylase
W4MGRY	Neg RSID-Saliva	Neg RSID-Saliva
WKUM8P	Neg Phadebas	Neg Phadebas
WXECXE	Neg RSID	Neg RSID
X9E2EF	NT	Neg RSID
XMV7FG	Neg Phadebas	Neg Phadebas
XV874Q	Neg Phadebas	Neg Phadebas
Y6BM7G	Neg Phadebas	Neg Phadebas
YGX2YH	Neg SALIgAE	Neg SALIgAE
YHGWUQ	Neg Phadebas	Neg Phadebas
YW2AED	Neg Amylase, Micro, ALS	Neg Amylase, Micro, ALS
YYNQ7	Neg Amylase Diffusion	Neg Amylase Diffusion
Z63BXC	Neg RSID-Saliva	Neg RSID-Saliva
ZCKGTW	Neg SALIgAE	Neg SALIgAE
ZFQ4KT	Neg Phadebas	Neg Phadebas
ZNXFA6	Neg RSID	Neg RSID
ZPDXPA	Neg RSID	Neg RSID
ZR2C9T	Neg Phadebas	Neg Phadebas
ZU3KBH	NT	Neg Phadebas
ZXP7EQ	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion

Table 1c: Serology Screening Response Summary - SalivaParticipants: **134**

This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.

	Item 3	Item 4
Positive	0	1
Negative	128	125
Inconclusive	0	1

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
264CDG	Pos Quantifiler Trio	Pos Quantifiler Trio
2MHUA9	Pos HemaTrace, PowerQuant	Pos PowerQuant
2YWZZG	Pos Real-time qPCR	Pos Real-time qPCR
38L4MA	Pos PowerQuant	Pos PowerQuant
3JZBT7	Pos OBTI	Pos OBTI
3MFC4W	Pos ABACard HemaTrace	Pos ABACard HemaTrace
3QCPDM	Pos RSID	Pos RSID
3TJFTV	Pos RT-PCR	Pos RT-PCR
3U2JA9	Pos Powerquant	Pos Powerquant
3Y868D	Pos HemaTrace	Pos HemaTrace
42CA4Y	Pos PRECIPITIN	Pos PRECIPITIN
42ETBA	Pos PowerQuant	Pos PowerQuant
4A6FYK	Pos Quantifiler trio	Pos Quantifiler trio
68FDRC	Pos Real-time qPCR	Pos Real-time qPCR
6A29E4	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
6D7RMX	Pos Quant	Pos Quant
6EEV99	Pos PowerQuant	Pos PowerQuant
6LVCYX	Pos HemaTrace	
6PWD2F	Pos HemaTrace	Pos HemaTrace
6TG9WL	NT	Pos HemaTrace
6VGHPA	Pos HemaTrace, PSA, Quantifiler Trio	Pos HemaTrace, PSA, Quantifiler Trio
7CT9PL	Pos HemDirect	Pos HemDirect
7FY92B	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
7U9QBR	Pos PCR	Pos PCR
7Y9TLM	Pos Quant Trio	Pos Quant Trio
823DFW	Pos Quant	Pos Quant
8AFVUJ	Pos Ouchterlony, Quant Trio	Pos Ouchterlony, Quant Trio
8ATXPB	Pos Real-time qPCR	Pos Real-time qPCR
8JMX8A	Pos PowerQuant	Pos PowerQuant
8MMA4A	Pos PowerQuant	Pos PowerQuant
8NTWC9	Pos Quantifiler Trio	Pos Quantifiler Trio
8PTMR3	Pos PowerQuant	Pos PowerQuant
96EE8U	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
9APU96	Pos HemaTrace, PSA	Pos HemaTrace, PSA
9AVEEG	Pos Quantifiler Trio	Pos Quantifiler Trio
9JEDVQ	Pos HemaTrace	Pos HemaTrace
9V6E67	Pos Quantifiler Trio	Pos Quantifiler Trio
9VEV2L	Pos HemaTrace	Pos HemaTrace
A6WWUZ	Pos HemaTrace	Pos HemaTrace
A8HK7Z	Pos HemaTrace, PowerQuant	Pos PowerQuant
ADCLGF	Pos Quant Trio	Pos Quant Trio
ADP746	Pos HemaTrace, PSA, Micro	Pos HemaTrace, PSA, Micro
AJUWFN	Pos RT-PCR	Pos RT-PCR
AR4LTM	Pos rtPCR, STR	Pos rtPCR, STR
AUDBG6	Pos Real-time qPCR	Pos Real-time qPCR
AZJ83Q	Pos HemaTrace	Pos HemaTrace
BCC2WY	Pos PowerQuant	Pos PowerQuant
BGHLU6	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
BHJL6Q	Pos Quant Trio	Pos Quant Trio
BMDF3R	Pos	Pos
BQUMQQ	Pos Quantifiler Trio	Pos Quantifiler Trio
CVJTM	Pos Casework Direct	Pos Casework Direct
DBA7CK	Pos Casework Direct	Pos Casework Direct
DLRNT6	Pos Quantifiler Trio	Pos Quantifiler Trio
DPP2XH	Pos RT-PCR	Pos RT-PCR
E4J6ED	Pos qPCR, STR	Pos qPCR, STR
E4QZED	NT	Pos HemaTrace
ECCFPA	Pos HemaTrace	Pos HemaTrace
EDQKKL	Pos HemaTrace	Pos HemaTrace
EDTHNV	Pos HemaTrace	Pos HemaTrace
EKF9AQ	Pos HemDirect	NT
EQFBUC	Pos Quant Trio	Pos Quant Trio
ETKGE4	Pos Quantifiler Trio	Pos Quantifiler Trio
EU43N8	Pos HemDirect	Pos HemDirect
F79TCZ	Pos PowerQuant	Pos PowerQuant
FB2X64	Pos Seratec HemDirect	Pos Seratec HemDirect
FFGAD7	Pos HemDirect	Pos HemDirect
FGQAHD	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
FH3XWJ	Pos	Pos
FJAAH2	Pos Real-time qPCR	Pos Real-time qPCR
FL2D82	Pos Quantifiler Trio	Pos Quantifiler Trio
FUFLQB	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
G4F6RJ	Pos HemaTrace	Pos HemaTrace
G693X6	Pos Quantifiler Trio	Pos Quantifiler Trio
GD7TGK	Pos Quantifiler Trio	Pos Quantifiler Trio
GFQPWX	Pos PowerQuant	Pos PowerQuant
GXV8XU	Pos HemaTrace	Pos HemaTrace
H24T7Y	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
H2NJHT	Pos Powerquant	Pos Powerquant
H3EVRX	Pos HemaTrace	Pos HemaTrace, PSA
H63ZRW	Pos Real-time qPCR	Pos Real-time qPCR
H8U4FX	Pos Quant Trio	Pos Quant Trio
HHYDX9	NT	Pos HemaTrace
HJ6QBF	Pos ABACard HemaTrace	Pos PSA
J6G4HU	Pos PowerQuant	Pos PowerQuant
JAX8VQ	Pos HemaTrace, PowerQuant	Pos PowerQuant
JKYTF	Pos	Pos
JGBPE	Pos	Pos
JVWHTY	Pos Real-time qPCR	Pos Real-time qPCR
K6GD4Y	Pos Quant Trio	Pos Quant Trio
KKDL2Q	Pos HemaTrace	Pos HemaTrace
KUEFBC	Pos HemDirect	Pos HemDirect
L2GFER	Pos PowerQuant	Pos PowerQuant
LD6NQY	Pos Quantifiler Trio	Pos Quantifiler Trio
LHYF89	Pos STR, qPCR	Pos STR, qPCR
LTHU9Q	Pos HemaTrace	Pos HemaTrace
LUA42R	Pos Promega PowerQuant	Pos Promega PowerQuant
LZFNZW	Pos Quant Trio	Pos Quant Trio
M6TQYY	Pos HemDirect	Pos HemDirect
M8DQNU	Pos Powerquant	Pos Powerquant
MLY2FQ	Pos PowerQuant	Pos PowerQuant
NDZD3E	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
P4NE8H	Pos HemDirect	Pos HemDirect, PSA

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
P6JU4R	Pos Quantifiler Trio	Pos Quantifiler Trio
P6ZQVR	Pos HemaTrace	Pos HemaTrace, PSA
P7ZP7D	Pos	Pos
PC2XGL	Pos HemaTrace	Pos HemaTrace
PDGB23	Pos Quant Trio	Pos Quant Trio
PGJ4AF	Pos HemDirect	NT
PH497R	Pos Quantifiler Trio	Pos Quantifiler Trio
PTA3QK	Pos PowerQuant	Pos PowerQuant
PVDEC8	Pos FOB	Pos FOB, RSID Semen, RSID Saliva
PZ4CUN	Pos PowerQuant	Pos PowerQuant
QCGRGM	Pos PowerQuant	Pos PowerQuant
QCWXUR	Pos Real-time qPCR	Pos Real-time qPCR
QENZUD	Pos HemDirect	NT
QGM CER	Pos Quantifiler Trio	Pos Quantifiler Trio
QHN3TM	Pos Powerquant	Pos Powerquant
QQL4X8	Pos	Pos
QYCHQR	Pos Real-time qPCR	Pos Real-time qPCR
QZ4LFT	Pos Quantifiler Trio	Pos Quantifiler Trio
R8GUGU	Pos Quantifiler Trio	Pos Quantifiler Trio
RUA4EL	Pos Quant Trio	Pos Quant Trio
TEC8XA	Pos HemaTrace	Pos HemaTrace
TWDYXP	Pos Quant Trio	Pos Quant Trio
U28EYA	Pos Quantifiler Trio	Pos Quantifiler Trio
U3GFUJ	Pos RSID	Pos RSID
UA6784	Pos Y-screen	Pos Y-screen
UCK3R3	Pos HemDirect	Pos HemDirect
UHG4BB	Pos Quant	Pos Quant
UWMMCL	Pos HemaTrace	Pos HemaTrace, PSA
VC6L8E	Pos PowerQuant, HemaTrace	Pos PowerQuant
VDVWVL	Pos real-time qPCR	Pos real-time qPCR
VJJEFP	Pos Seratec HemDirect	Pos Seratec HemDirect
VLEWVX	Pos Quant Trio	Pos Quant Trio
VMHQCP	Pos Seratec HemDirect	Pos Seratec HemDirect
VPKX8M	Pos [Laboratory Specific Test]	Pos [Laboratory Specific Test]
VWP63C	Pos Hemdirect	Pos Hemdirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
W64H32	Pos Y-Screening	Pos Y-Screening
W8PDJE	Pos PowerQuant	Pos PowerQuant
WD7MB4	Pos Quantifiler Trio	Pos Quantifiler Trio
WP7LB3	Pos HemaTrace	NT
WPYJGN	Pos QuantifilerTrio	Pos QuantifilerTrio
WXECXE	Pos PowerQuant	Pos PowerQuant
XD7D8Q	Pos HemaTrace	Pos HemaTrace
XMV7FG	Pos Real-time qPCR	Pos Real-time qPCR
Y3MJ8H	Pos PowerQuant	Pos PowerQuant
Y8TPUU	Pos Quant Trio	Pos Quant Trio
YG4NN7	Pos HemaTrace	Pos HemaTrace
YW2AED	Pos HemaTrace	Pos HemaTrace
YYHRYG	Pos Real-time qPCR	Pos Real-time qPCR
YYNQQ7	Pos HemDirect	Pos HemDirect
YZAVMH	Pos Quantifiler Trio	Pos Quantifiler Trio
Z2BR9Y	Pos	Pos
Z63BXC	Pos RSID	Pos RSID
ZFQ4KT	Pos Quant Trio	Pos Quant Trio
ZHQCEG	Pos PowerQuant	Pos PowerQuant
ZLC6HX	Pos PCR	Pos PCR
ZPAFJY	Pos HemaTrace	NT
ZPDXPA	Pos HemaTrace, Powerquant	Pos Powerquant
ZU3KBH	Pos Real-time qPCR	Pos Real-time qPCR

Table 1d: Serology Screening Response Summary - Human Origin		Participants: 161	
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	158	155	
Negative	0	0	
Inconclusive	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
22JBHU	Pos Plexor HY	Pos Plexor HY
264CDG	Pos Quantifiler Trio	Pos Quantifiler Trio
2YWZZG	Pos Real-time qPCR	Pos Real-time qPCR
38L4MA	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
3JG9XV	Pos Quant Trio	Pos Quant Trio
3QCPDM	Pos Investigator® Quantiplex® Pro Kit	Pos Investigator® Quantiplex® Pro Kit
4A6FYK	Pos Quantifiler trio	Pos Quantifiler trio
4EYPGT	Pos PowerPlexY23	Pos PowerPlexY23
4FWKWW	Pos Plexor HY	Pos Plexor HY
4L4ZVJ	Pos Casework Go!, QPP	Pos Casework Go!, QPP
63N2AM	Pos Quant	Pos Quant
68FDRC	Pos Real-time qPCR	Pos Real-time qPCR
6D7RMX	Pos Quant	Pos Quant
6EEV99	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
6VGHPA	Pos Quantifiler Trio	Pos Quantifiler Trio
6VJFRJ	Pos Plexor HY	Pos Plexor HY
7U9QBR	Pos PCR	Pos PCR
7Y9TLM	Pos Quant Trio	Pos Quant Trio
8AFVUJ	Pos Quant Trio	Pos Quant Trio
8ATXPB	Pos Real-time qPCR	Pos Real-time qPCR
8JMX8A	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
8MMA4A	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
8NTWC9	Pos Quantifiler Trio	Pos Quantifiler Trio
93CREP	Pos TRIO	Pos TRIO
9AVEEG	Pos Quantifiler Trio	Pos Quantifiler Trio
9V6E67	Pos Quantifiler Trio	Pos Quantifiler Trio
AB6FVE	Pos Casework Go, QPP	Pos Casework Go, QPP
ADCLGF	Pos Quant Trio	Pos Quant Trio
AUDBG6	Pos Real-time qPCR	Pos Real-time qPCR
AYR4DP	Pos Plexor HY	Pos Plexor HY
B4F2LD	Pos Plexor HY	Pos Plexor HY
BMD3R	Pos	Pos
BPG3RP	Pos Plexor HY	Pos Plexor HY
CC6C9D	Pos Plexor HY	Pos Plexor HY
CKWRVW	Pos Plexor HY	Pos Plexor HY

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
CVFKAT	Pos	Pos
CVHTDR		Pos
CVJJTM	Pos Casework Direct	Pos Casework Direct
CYJ46L	Pos Plexor HY	Pos Plexor HY
DBA7CK	Pos Casework Direct	Pos Casework Direct
DGFNKK	Pos Plexor HY	Pos Plexor HY
DLRNT6	Pos Quantifiler Trio	Pos Quantifiler Trio
EQFBUC	Pos Quant Trio	Pos Quant Trio
ETKGE4	Pos Quantifiler Trio	Pos Quantifiler Trio
FDQZGJ	Pos TRIO	Pos TRIO
FELK4H	Pos Plexor HY	Pos Plexor HY
FGQAHD	Pos YFiler Plus	Pos YFiler Plus
FH3XWJ	Pos	Pos
FJAAH2	Pos Real-time qPCR	Pos Real-time qPCR
FL2D82	Pos Quantifiler Trio	Pos Quantifiler Trio
FRLJRF	Pos Plexor HY	Pos Plexor HY
FUFLQB	Pos Quant Trio	Pos Quant Trio
G693X6	Pos Quantifiler Trio	Pos Quantifiler Trio
GK4B4J	Pos Plexor HY	Pos Plexor HY
GKMCQL	NT	Pos
H2NXUM	Pos Y-Screening	Pos Y-Screening
H3YHEM	Pos Plexor HY	Pos Plexor HY
H63ZRW	Pos Real-time qPCR	Pos Real-time qPCR
H8U4FX	Pos Quant Trio	Pos Quant Trio
HGENLF	Pos PlexorHY	Pos PlexorHY
J26Y9E	Pos Plexor HY	Pos Plexor HY
J6G4HU	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
JDKYTF	Pos	Pos
JGJBPE	Pos	Pos
JVWHTY	Pos Real-time qPCR	Pos Real-time qPCR
K6GD4Y	Pos Quant Trio	Pos Quant Trio
KCJ9EK	NT	Pos NaOH extraction
KFJKAJ	Pos	Pos
L2GFER	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
LD6NQY	Pos Quantifiler Trio	Pos Quantifiler Trio
LGBXC3	Pos Plexor HY	Pos Plexor HY
LZFNZW	Pos Quant Trio	Pos Quant Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
M8DQNU	Pos CaseworkDirect, Powerquant	Pos CaseworkDirect, Powerquant
MEYHH2	Pos Plexor HY	Pos Plexor HY
MUQFHC	Pos TRIO	Pos TRIO
MXQQDC	Pos Trio	Pos Trio
P6JU4R	Pos Quantifiler Trio	Pos Quantifiler Trio
P7ZP7D	Pos	Pos
PDGB23	Pos Quant Trio	Pos Quant trio
PH497R	Pos Quantifiler Trio	Pos Quantifiler Trio
PXMMX7	Pos Plexor HY	Pos Plexor HY
PZ4CUN	Pos Casework Direct, PowerQuant	Pos Casework Direct, PowerQuant
QCWXUR	Pos Real-time qPCR	Pos Real-time qPCR
QGM CER	Pos Quantifiler Trio	Pos Quantifiler Trio
QHN3TM	Pos Casework Direct, Powerquant	Pos Casework Direct, Powerquant
QQL4X8	Pos	Pos
QYCHQR	Pos Real-time qPCR	Pos Real-time qPCR
QZ4LFT	Pos Quantifiler Trio	Pos Quantifiler Trio
R8GUGU	Pos Quantifiler Trio	Pos Quantifiler Trio
RQVE8W	Pos Plexor HY	Pos Plexor HY
RUA4EL	Pos Quant Trio	Pos Quant Trio
RYMT8W	Pos Plexor HY	Pos Plexor HY
RZ7GTW	Pos Plexor HY	Pos Plexor HY
T33P77	Pos Plexor HY	Pos Plexor HY
TWDYXP	Pos Quant Trio	Pos Quant Trio
UA6784	Pos Y-screen	Pos Y-screen
UHG4BB	Pos Quant	Pos Quant
UK2JJC	Pos	Pos
UZWGKT	Pos Plexor HY	Pos Plexor HY
VDVWVL	Pos real-time qPCR	Pos real-time qPCR
VLEWVX	Pos Quant Trio	Pos Quant Trio
VWP63C	Pos Y23	Pos Y23
VZ9HZZ	Pos Plexor HY	Pos Plexor HY
VZNWAU	Pos Plexor HY	Pos Plexor HY
W2ZXQ2	Pos Plexor HY	Pos Plexor HY
W64H32	Pos Y-Screening	Pos Y-Screening
WD7MB4	Pos Quantifiler Trio	Pos Quantifiler Trio
WDRML2	Pos Plexor HY	Pos Plexor HY
WFYXJQ	Pos Plexor HY	Pos Plexor HY

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
WPYJGN	Pos QuantifilerTrio	Pos QuantifilerTrio
XL34YT	Pos Plexor HY	Pos Plexor HY
XLHMJQ	Pos Plexor HY	Pos Plexor HY
XLK9F7	Pos Trio	Pos Trio
XMV7FG	Pos Real-time qPCR	Pos Real-time qPCR
Y3MJ8H	Pos Casework Direct; PowerQuant	Pos Casework Direct; PowerQuant
Y8TPUU	Pos Quant Trio	Pos Quant Trio
YG64TW	Pos Plexor HY	Pos Plexor HY
YUQJWV	Pos Plexor HY	Pos Plexor HY
YXPUTV	Pos Plexor HY	Pos Plexor HY
YYHRYG	Pos Real-time qPCR	Pos Real-time qPCR
YZAVMH	Pos Quantifiler Trio	Pos Quantifiler Trio
Z2BR9Y	Pos	Pos
ZFQ4KT	Pos Quant Trio	Pos Quant Trio
ZHQCEG	Pos CaseworkDirect/PowerQuant	Pos CaseworkDirect/PowerQuant
ZLC6HX	Pos PCR	Pos PCR
ZNXFA6	Pos	Pos
ZPAFJY	Pos PowerQuant	Pos PowerQuant
ZU3KBH	Pos Real-time qPCR	Pos Real-time qPCR

Table 1e: Serology Screening Response Summary - Y Screening		Participants: 128	
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	125	128	
Negative	0	0	
Inconclusive	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	
4A6FYK	Sperm cells	Neg Microscope	Sperm cells	Pos Microscope
9AVEEG	ALS	Neg Crime Lite ML PRO - Foster Freeman	ALS	Neg Crime Lite ML PRO - Foster Freeman
EKF9AQ	Visual Exam	Pos	Visual Exam	Pos
ELKR7D	Fluorescence	Neg ALS	Fluorescence	Neg ALS
FB2X64	Feces, Urine	Neg Urobilinogen, DMAC, Creatinine	Feces, Urine	Neg Urobilinogen, DMAC, Creatinine
JZBCQA			Sperm	Pos Micro
KTMJLH			Seminal fluid	Inc AP
KWMVHH			Seminal fluid	Inc AP
L4K876	Fluorescence	Neg ALS	Fluorescence	Neg ALS
PEM2Q6	fluorescence	Neg ALS	fluorescence	Neg ALS
TR8DZK	ALS	Neg		
VMHQCP	Urine	Neg Creatinine/DMAC	Urine	Neg Creatinine/DMAC
VWP63C			Sperm	Neg Micro

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

22JBHU	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
23HL4P	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
24CCA4	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
24QN43	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
264CDG	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
26KEAG	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

27BEUT	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
27WBEL	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
29JUFJ	Investigator® 24plex GO!					
	13,14	21,22	11,11	17,18	12,13	n/a
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	n/a	n/a	19,19	7,8	8,11
	13,19	10	n/a	n/a	n/a	
2A3PBR	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
2E8DZM	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
2GYGPM	Verifiler Plus					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19				2	
2MGJG6	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

2MHUA9	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
2NHMFT	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
2P9VFW	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
2PCDL8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
2QMF97	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
2W8MHX	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
2WNLTB	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

2XNJCJ	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
2YGGH6	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
2YWZZG	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
2YXNP8	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
34JH6Y	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
37F8T8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
37PZ4U	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

38L4MA	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
3JG9XV	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
3JJTUB	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
3JZBT7	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
3L4WAV	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
3MFC4W	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
3NWLFLV	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

3QCPDM	Identifiler® Plus, GlobalFiler™, Verifiler Plus; Investigator® 26plex					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	2	
3RRGEW	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
3RRJ62	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
3RZ6BJ	PowerPlex® Fusion 6C Direct					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
3TJFTV	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
3U2JA9	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
3UUHFU	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				

TABLE 2

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

Item 1 - STR Results

3VD69A	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NA	NA	19,19	7,8	8,11
	13,19	10	NA	NA	2	
3VU4L8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
42CA4Y	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
42ETBA	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
44G8NL	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NT
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NT	NT	19,19	7,8	8,11
	13,19	10	NT	NT	2	
44PN3T	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
44ZE4X	Investigator® 24plex (STRMix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

47B6KE	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
47PW84	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
48ZQYW	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
4A6FYK	PowerPlex® Fusion 6c, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	2	
4A6HPP	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
4AD4V8	GlobalFiler™					
	NT	NT	NT	NT	NT	
1	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
4CA79L	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

4CDLLL	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
4CWEDJ	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
4EHZ77	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
4EKL3L	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
4EYPGT	PowerPlex® ESX17Fast					
	13,14	21,22	11	17,18		
1		11,14	13,14	17,18		9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	
	21,25			19	7,8	
	13,19					
4EZAWL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
4FBNB3	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

4L4ZVJ	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
4NPZJE	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
4NVWKD	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NA	NA	19,19	7,8	8,11
	13,19	10	NA	NA	2	
4RBQXP	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
4XFEMK	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
4YMUWC	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
4YTWWH	PowerPlex® Fusion 6C Direct					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

63LFD7	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
63N2AM	PowerPlex® 21					
	13,14	21,22		17,18	12,13	12,18
1	8,9	11,14		17,18	11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19					
66BLZY	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
68FDRC	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
69TXKL	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
6A29E4	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
6AK29M	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

6D467K	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
6D7RMX	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
6EEV99	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
6HJCUJ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
6K69AW	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
6K7A3A	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
6LVCYX	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					

TABLE 2

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

Item 1 - STR Results

6N4HHD	Investigator® 24plex Q,S					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
6NN9F6	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	2	
6PB7DA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
6PWD2F	GlobalFiler™ Express					
	13,14	21,22	11,11	17,18	12,13	-
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	-	-	19,19	7,8	8,11
	13,19	10	-	-	2	
6R2A2B	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
6TG9WL	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
6VGHPA	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

6VJFRJ	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
6XDZ6H	PowerPlex® Fusion 6C Direct					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
6YLAT9	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
6YQP7A	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
6ZYLVK	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
732YVH	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
74XJJH	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

77XBAP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	-
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	-	
78RM4A	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
7A389C	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
7AK8F9	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
7CT9PL	GlobalFiler™ Express, ACE GFE Rapid (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
7FP2EB	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	2	
7FY92B	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

7GJRKP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
7MPQQ9	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
7TUTXP	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
7U6VKN	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
7X3UUX	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
7Y9TLM	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
822EB3	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

823DFW	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
82JJQF	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
88EYTA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NA	NA	19,19	7,8	8,11
	13,19	10	NA	NA	2	
899PYN	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
8AFVUJ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
8ATXPB	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
8BTN47	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

8FZE7C	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
8GVYUC	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
8JMX8A	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
8JNY39	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
8KV7E9	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
8MMA4A	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
8NTWC9	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

8PTMR3	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
8T9BCZ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
8UML7Y	GlobalFiler™ Express (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
8VGCCD	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
8YWVEF	PowerPlex® 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
93CREP	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
93ECA7	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
1	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
96EE8U	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
96J3GL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
97CTMZ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
99HECK	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
99U8W2	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
9AC6HZ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

9AVEEG	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
9BQC4G	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
9DXLZK	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
9EN23F	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
9GNEGT	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
9JEDVQ	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
9MFUGF	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

9NB64N	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
9RXNDL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
9TREJZ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
9V6E67	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
9V786Y	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
9VEV2L	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
A4HJV6	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

A6WWUZ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
A8HK7Z	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
A9W8NE	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
AB6FVE	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
ABLAWN	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
ACCQGW	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ADCLGF	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

AGA4K9	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
AH32QU	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
AHGHR	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
AJUWFN	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
AK42TC	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
AKT7H7	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ALYP82	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

AR4LTM	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
AUDBG6	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
AV89XC	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
AXDLL7	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
AYR4DP	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
AZJ83Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
AZLTX7	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

B4F2LD	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
B4JMGT	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
B7AWDF	PowerPlex® 21					
	13,14	21,22		17,18	12,13	12,18
1	8,9	11,14		17,18	11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19					
B7N88E	PowerPlex® Fusion 6c					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
B8KRUE	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
B9UW83	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
BCC2WY	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

BD7L9Y	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
BGHLU6	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
BHJL6Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
BJ8K2U	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
BJAKJN	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
BK4JA8	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
BRQZAD	PowerPlex® Fusion 6C, FlexPlex 27					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

BVPEW3	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
BXAFRN	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
C78D76	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
CBCBG4	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
CC6C9D	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
CCMC43	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
CCPZKG	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				

TABLE 2

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

Item 1 - STR Results

CEXWKD	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
CJ6BKH	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
CKWRVW	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
CL9GB3	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
CMKH9H	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
CTXUEB	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
CTXV9A	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

CU69LG	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
CVFKAT	PowerPlex® 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
CVHTDR	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
CWW6AB	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
CX7DEP	Investigator® 24plex (STRMix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
CYEPU7	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
CZVRTR	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

D2NPXR	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
D3V8VM	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
D4842R	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
D4QRHM	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
D4VXBH	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
D62U87	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
D6GV8M	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

D7GUQV	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
D8ARWG	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
DAVN68	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
DBNLAT	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
DBR9R8	Investigator® 24plex GO!					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	N/A	
DDH7MT	GlobalFiler™ Express (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
DDXEP2	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

DECWT8	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
DF6UXT	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
DFMPT2	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
DFR472	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
DGDEVN	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
DGYJD9	PowerPlex® Fusion 6C Direct					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
DH8MYJ	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

DJQF32	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
DLRNT6	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
DLV8UF	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
DPM39M	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
DPP2XH	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
DPTTGC	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
DREYXG	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

DRXDCY	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
DTPA2R	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
DTTR94	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
DX6NZK	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
E4J6ED	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
E4QZED	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
ECCFPA	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

EDEWC8	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
EDQKKL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
EDTHNV	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
EE7Y29	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
EHNCLW	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
EKF9AQ	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
ELKR7D	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				

TABLE 2

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

Item 1 - STR Results

EQFBUC	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
EQV3WL	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ERDWWW	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
ETKGE4	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
ETMYKF	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
EU43N8	GlobalFiler™ Express (Rapid DNA) (STRmix 2.9.1)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
EZKQTA	VeriFiler Plus					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19				2	

TABLE 2

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

Item 1 - STR Results

F4HPMY	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
FB2X64	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
FBZDPB	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
FDQZGJ	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
FEE84M	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
FFGAD7	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
FGQAHD	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

FJAAH2	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
FJVXN3	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
FKNRJL	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
FL2D82	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
FN9RRE	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
FNNX6J	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
FP9H7A	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

FPZWYR	Investigator® 24plex (STRMix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
FRTJ2W	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
FUDFGA	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
FUFLQB	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
FV93TD	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
FVPCQK	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
FWKXDJ	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

FWZYH8	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
FXLJJX	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NA	NA	19,19	7,8	8,11
	13,19	10	NA	NA	2	
FYMVNC	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
G3M7JC	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
G4F4PX	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
G4F6RJ	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
G4G3UR	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

G693X6	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
G6VAF9	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
G7LHFC	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11,	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
G7MD3N	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
GDQAWM	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
GF9N7N	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
GFQPWX	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

GHDLQC	GlobalFiler™					
		13,14	21,22	11,11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25			19,19	7,8 8,11
	13,19	10			2	
GHHTLX	PowerPlex® Fusion 6C					
		13,14	21,22	11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25	11	7,8	19	7,8 8,11
	13,19	10	20	16		
GK4B4J	Investigator® 24plex					
		13,14	21,22	11,11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25			19,19	7,8 8,11
	13,19	10				
GKMCQL	PowerPlex® Fusion 6C					
		13,14	21,22	11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25	11	7,8	19	7,8 8,11
	13,19	10	20	16		
GLEB6J	GlobalFiler™ (STRmix)					
		13,14	21,22	11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25			19	7,8 8,11
	13,19	10			2	
GMAVRJ	Investigator® 24plex (STRmix)					
		13,14	21,22	11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25			19	7,8 8,11
	13,19	10				
GPDVMA	PowerPlex® Fusion					
		13,14	21,22	11	17,18	12,13
	1	8,9	11,14	13,14	17,18	11,12 9,11
		16,20	11,14.2	30,32.2	15,18	X,Y 8,11
		21,25	11	7,8		7,8 8,11
	13,19	INC				

TABLE 2

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

Item 1 - STR Results

GR8C7X	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
GV39PX	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
GVQKFJ	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
GXV8XU	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
GXXTTA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			Y	
H24T7Y	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
H2MR4X	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

H2NJHT	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
H2NXUM	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
H3YHEM	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
H63ZRW	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
H8U4FX	GlobalFiler™ Express, Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
H9T7H9	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
HERQDP	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

HHWAKX	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
HHYDX9	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
HJ6QBF	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
HKWMYA	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
HM4ZM4	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
HTC7GN	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
HUPT2N	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

HVHVTX	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
HVJK83	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
HWCHDN	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
HZUUXC	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
J26Y9E	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
J4DXUA	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

J4RJ7W	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
J6G4HU	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
JAFFKL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
JAKECB	PowerPlex® 21 (STRmix)					
	13,14	21,22		17,18	12,13	12,18
1	8,9	11,14		17,18	11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19					
JAWGGV	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
JAX8VQ	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
JCLLEA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

JGC9TF	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
JNF6MD	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
JTWDBD	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
JUHB8H	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
JVWHTY	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
JZ7X3M	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
JZBCQA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

K3RZLG	PowerPlex® Fusion 6C, GlobalFiler™ (LRmix Studio)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	2	
K6GD4Y	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
KCJ9EK	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
KDPZXK	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
KDRKRF	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
KE34JJ	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	Not Tested
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	Not Tested	
KFJKAJ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

KFJNH2	Investigator® 24plex GO!					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
KGUZ8D	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
KHJWMB	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
KJHXT3	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
KKDL2Q	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
KPR6J8	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
KRENK6	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

KT6WJ9	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
KTMJLH	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
KTNTZE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
KUEFBC	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
KVRFK7	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
KW4EHZ	Investigator® 24plex QS,GOI, FLEXPlex27					
	13,14	21,22	11,11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	7,8	19,19	7,8	8,11
	13,19	10	20	16	N/A	
KWMVHH	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

L2GFER	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
L3DYBR	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	2	
L3VMU8	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
L4K876	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
L8KJ36	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
L9ZQFZ	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
LBHV4W	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

LBWYJ4	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
LCX49Q	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
LD6NQY	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
LE2ZPD	Investigator® 24plex GO!					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
LE4LCV	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
LEFGUE	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
LEKW7E	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

LGBXC3	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
LHYF89	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
LJXPAQ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	2	
LK7NHE	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
LKA8PP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
LR79G4	Investigator® 24plex QS (Strmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
LR7MUJ	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

LRM8U2	PowerPlex® Fusion 6C, Sig Prep B					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
LT66FY	FlexPlex27					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25		7,8	19	7,8	8,11
	13,19	10	20	16		
LTHU9Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
LUA42R	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
LUZRT3	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
LWZ8QR	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
LZFNZW	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

M36BE7	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
M3M7AE	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
M42RJF	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
M6TQYY	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
M76JHF	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
M8DQNU	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
MBZ97E	Investigator® 24plex (STRMix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

MCQCUF	Identifiler® Plus					
1		21,22		17,18	12,13	
	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
MCRH22	GlobalFiler™					
1	13,14	21,22	11,11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
MEYHH2	Investigator® 24plex QS					
1	13,14	21,22	11,11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
MFD39Q	PowerPlex® Fusion 6C					
1	13,14	21,22	11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
MJ833T	PowerPlex® Fusion 6C					
1	13,14	21,22	11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
ML2MER	PowerPlex® Fusion 6C					
1	13,14	21,22	11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
MLHYUC	PowerPlex® Fusion 6C					
1	13,14	21,22	11	17,18	12,13	
	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

MLY2FQ	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
MMCJN3	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
MP4FCW	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	2	
MRAYJ6	Investigator® 24plex GO					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
MUQFHC	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
MUUXNM	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
MX7YAT	PowerPlex® 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

MXQQDC	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
MXTBAR	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	-----
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	-----	
MZCEPC	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
MZFB8G	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	not tested
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	not tested	
N63BR8	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
N6BWYP	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	2	
N98UXF	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

NAZ38E	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
NBDBDY	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
NBWUKR	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
NDJHWR	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
NDZD3E	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
NETU7F	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
NHUAR6	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	-
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	-	-	19,19	7,8	8,11
	13,19	10	-	-	2	

TABLE 2

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

Item 1 - STR Results

NLCZ3M	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
NLWPG2	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
NM4VRG	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
NMMT4G	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
NNNGT8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
NPVZC2	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
NQM4YG	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

NUMC7C	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
P4NE8H	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
P6JU4R	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
P7VW8Y	PowerPlex®, Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
PBQBKT	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
PC2XGL	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
PDGB23	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

PEM2Q6	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
PGJ4AF	GlobalFiler™ Express					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
PH497R	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
PHACAJ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
PMFACV	Investigator® 24plex GO!, FlexPlex27					
	13,14	21,22	11,11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	7,8	19,19	7,8	8,11
	13,19	10	INC	INC	N/A	
PNEBHM	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
PRWLJX	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

PTA3QK	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
PV4L3J	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
PVDEC8	PowerPlex® Fusion 6C, GlobalFiler™ IQC, NGM Detect					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16	2	
PW8J3E	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
PWB2AP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
PZ4CUN	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
Q3R4JY	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

Q6LMVY	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
Q6X3KE	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
Q7B3WU	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
Q9GKVP	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	NA	7,8	8,11
	13,19	10	NA	NA	NA	
QBH7RG	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
QCGRGM	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
QCWXUR	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

QD9V6N	PowerPlex® Fusion, GlobalFiler™ (Genemapper ID-X1.4)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
QDW46J	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
QENZUD	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
QFGZKX	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
QGE2Y2	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
QGM CER	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
QHN3TM	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

QL282G	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
QNBKJ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
QP7KDA	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
QPNHJV	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
QRUGKB	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
QVBKAX	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
QYCHQR	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

QZ4LFT	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
R2GCJV	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
R2XPKD	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
R3CW7V	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
R3PLA8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
R6CNW2	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	-
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	-	-	19,19	7,8	8,11
	13,19	10	-	-	2	
R6K83Y	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

R8GUGU	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
RAAK4L	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	NA
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	NA	NA	19,19	7,8	8,11
	13,19	10	NA	NA	2	
RDP4W4	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
RF3L72	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
RFWQ62	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
RG7QA9	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
RGNMUV	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

RJDYLE	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
RJGD72	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
RQVE8W	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
RQXZ4C	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
RTHY9U	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
RTZXCJ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
RUA4EL	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

RXXEND	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
RXYCYA	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
RYMT8W	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
RYQBD8	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
RZ7GTW	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
RZHDUV	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
T33P77	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

T6DHB7	Investigator® 24plex GO! (TrueAllele)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
TEC8XA	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
TGZBF2	GlobalFiler™, Yfiler™ +					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
TH2BVM	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	NR
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16	NR	
TJRVH7	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
TLCTMN	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
TPKPNK	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

TPRTUB	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
TR8DZK	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
TVMV9N	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
TWDYXP	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
U3GFUJ	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
U6R7AC	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
U9M6CN	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

UAE8Y4	PowerPlex® Fusion 5c					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
UAF3HA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
UAYNGR	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	n/a
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	n/a	n/a	19,19	7,8	8,11
	13,19	10	n/a	n/a	n/a	
UCK3R3	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
UFAN3J	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
UHG4BB	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
UJ27PA	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

UJP8UZ	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
UK2JJC	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ULVQ29	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
UNYHTM	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
UPDXBU	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
UR3DDP	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
URXYZN	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

UTD6JK	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
UU3LGZ	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
UVHLZP	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
UWQ7HX	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
UYJPUW	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
UZWGKT	Investigator® 24plex QS (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
V2JGXU	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

V3BKLU	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
V3HGMU	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
V94FR9	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VC3YPZ	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
VC6L8E	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
VDVWVL	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
VDXJDZ	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

VE74AV	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
VFZHNT	VeriFiler Plus					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19				2	
VGCAM2	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VGEJG2	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VGUBJC	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VJJEFP	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VJMUVB	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

VJW73E	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
VJZQXU	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
VLEWVX	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
VM66UZ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
VMHQCP	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VMZY36	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
VNEA8P	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

VPKX8M	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
VQ77WJ	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
VWP63C	PowerPlex® Fusion					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
VXLYY3	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
VZ9HZZ	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
VZNWAU	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
W4MGRY	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

W8PDJE	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
W9HBPZ	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
WB9LQE	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
WD7MB4	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
WDRML2	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
WFYXJQ	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
WGTQE9	GlobalFiler™ Express (STRmix™)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

WHLGKN	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
WHTGWP	PowerPlex® Fusion 6C Direct					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
WKUM8P	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
WME3GC	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
WMLJVJ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
WP7LB3	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
WP988J	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

WPYJGN	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
WRRCP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
WVTEM3	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,[8]		7,8	8,11
	13,19	10				
WXDTZX	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
WXECXE	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
WZ8VAD	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
WZRU6Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

X2U2Y3	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
X3PLL3	Investigator® 24plex (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
X9E2EF	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
XD7D8Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XFG2Z4	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
XJ9KMT	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XL34YT	Investigator® 24plex QS (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

XLHMJQ	Investigator® 24plex QS					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
XLK9F7	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XMV7FG	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
XXNLR	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
XN4BVQ	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XNM34B	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
XQGRJP	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

XT2QN8	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XTX9KG	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10			2	
XUDPK2	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XV874Q	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
XVCLGQ	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
Y3MJ8H	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
Y4XVWT	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

Y696Z6	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
Y6BM7G	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
Y7LPTE	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
Y8DTGF	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
Y8TPUU	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YANJYW	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
YB3XGE	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

YC9WHU	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YG4NN7	GlobalFiler™ Express					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
YGX2YH	GlobalFiler™ (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
YHGWUQ	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
YHXZHQ	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
YJRN2L	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YPXW9W	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

YQ97C9	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YQAZ6E	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	2	
YQT3K2	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
YTH26R	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
YUEMRQ	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
YUQJWV	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
YW2AED	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

YWHFLP	Investigator® 24plex					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10				
YXAH96	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YYHRYG	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				
YYNQQ7	GlobalFiler™ Express					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
YZAVMH	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
Z2A2U4	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
Z4B6J6	GlobalFiler™ Express (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 1 - STR Results

Z63BXC	PowerPlex® 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	10				
Z66VPK	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
Z67UJR	PowerPlex® Fusion					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
Z97WR3	GlobalFiler™ Express (STRmix)					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19	7,8	8,11
	13,19	10			2	
ZCKGTW	PowerPlex® Fusion, GlobalFiler™ (Genmapper)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10,10			2	
ZFQ4KT	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ZLQN8W	PowerPlex® Fusion 5C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				

TABLE 2

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

Item 1 - STR Results

ZM4XK3	GlobalFiler™					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ZNXFA6	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
ZPAFJY	Identifiler® Plus					
		21,22		17,18	12,13	
1	8,9	11,14			11,12	9,11
	16,20	11,14.2	30,32.2		X,Y	8,11
	21,25				7,8	8,11
	13,19					
ZPDXPA	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
ZR2C9T	Investigator® 24plex					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
ZTAM6W	Investigator® 24plex (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
ZU3KBH	PowerPlex® Fusion 5C					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8		7,8	8,11
	13,19	10				

TABLE 2

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

Item 1 - STR Results

ZUUCGP	PowerPlex® Fusion 6C					
	13,14	21,22	11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	16		
ZXP7EQ	GlobalFiler™ (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	
ZYZY7K	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				
ZZA73K	Investigator® 24plex GO!, QS					
	13,14	21,22	11,11	17,18	12,13	N/A
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	N/A	N/A	19,19	7,8	8,11
	13,19	10	N/A	N/A	N/A	
ZZVKTJ	PowerPlex® Fusion 6C, GlobalFiler™ Express, Signature Prep Primer Set B					
	13,14	21,22	11	17,18	12,13	12,18
1	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8	19	7,8	8,11
	13,19	10	20	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

22JBHU	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
23HL4P	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
24CCA4	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
24QN43	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
264CDG	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
26KEAG	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
27BEUT	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

27WBEL	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
29JUFJ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	n/a
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	n/a	n/a	21,26.2	7,8	6,11
	12,19	11	n/a	n/a	n/a	
2A3PBR	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
2E8DZM	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
2GYGPM	Verifiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	
2MGJG6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
2MHUA9	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

2NHMFT	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2P9VFW	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
2PCDL8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
2QMF97	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2W8MHX	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
2WNLTB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2XNJ CJ	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

2YGHH6	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2YWZZG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
2YXNP8	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
34JH6Y	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
37F8T8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
37PZ4U	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
38L4MA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

3JG9XV	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
3JJTUB	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3JZBT7	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
3L4WAV	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
3MFC4W	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
3NWLVL	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
3QCPDM	Identifiler® Plus, GlobalFiler™, Verifiler Plus; Investigator® 26plex					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	

TABLE 2

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

Item 2 - STR Results

3RRGEW	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
3RRJ62	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
3RZ6BJ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3TJFTV	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
3U2JA9	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3UUHFU	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
3VD69A	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	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

3VU4L8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
42CA4Y	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
42ETBA	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
44G8NL	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NT
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NT	NT	21,26.2	7,8	6,11
	12,19	11	NT	NT	2	
44PN3T	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
44ZE4X	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
47B6KE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

47PW84	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
48ZQYW	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
4A6FYK	PowerPlex® Fusion 6c, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
4A6HPP	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
4AD4V8	GlobalFiler™					
	NT	NT	NT	NT	NT	
2	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
4CA79L	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
4CDLLL	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

4CWEDJ	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
4EHZ77	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
4EKL3L	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
4EYPGT	PowerPlex® ESX17Fast					
	16,16.3	23	10,11	17		
2		14	15,16	19.1,19.3		11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	
	25			21,26.2	7,8	
	12,19					
4EZAWL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
4FBNB3	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
4L4ZVJ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

4NPZJE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
4NWKD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
4RBQXP	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
4XFEMK	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
4YMUWC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
4YTWWH	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
63LFD7	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

63N2AM	PowerPlex® 21					
	16,16.3	23,23		17,17	11,13	11,12
2	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					
66BLZY	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
68FDRC	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
69TXKL	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
6A29E4	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6AK29M	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6D467K	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

6D7RMX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6EEV99	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6HJCUJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6K69AW	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
6K7A3A	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6LVCYX	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
6N4HHD	Investigator® 24plex Q,S					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

6NN9F6	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
6PB7DA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6PWD2F	GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	-
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	
6R2A2B	GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6TG9WL	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6VGHPA	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6VJFRJ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

6XDZ6H	PowerPlex® Fusion 6C Direct					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6YLAT9	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6YQP7A	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6ZYLVK	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
732YVH	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
74XJJH	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
77XBAP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	-
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

78RM4A	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7A389C	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7AK8F9	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7CT9PL	GlobalFiler™ Express, GFE ACE Rapid (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7FP2EB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
7FY92B	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7GJRKP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

7MPQQ9	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7TUTXP	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7U6VKN	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7X3UUX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
7Y9TLM	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
822EB3	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
823DFW	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

82JJQF	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
88EYTA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
899PYN	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8AFVUJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
8ATXPB	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
8BTN47	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8FZE7C	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

8GVYUC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8JMX8A	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8JNY39	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
8KV7E9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8MMA4A	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8NTWC9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8PTMR3	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

8T9BCZ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
8UML7Y	GlobalFiler™ Express (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8VGCCD	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
8YWVEF	PowerPlex® 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
93CREP	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
93ECA7	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
2	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	

TABLE 2

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

Item 2 - STR Results

96EE8U	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
96J3GL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
97CTMZ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
99HECK	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
99U8W2	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9AC6HZ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9AVEEG	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

9BQC4G	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9DXLZK	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9EN23F	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
9GNEG T	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9JEDVQ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
9MFUGF	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
9NB64N	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

9RXNDL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
9TREJZ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9V6E67	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9V786Y	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9VEV2L	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
A4HJV6	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
A6WWUZ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

A8HK7Z	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
A9W8NE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AB6FVE	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ABLAWN	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ACCQGW	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ADCLGF	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AGA4K9	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

AH32QU	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AHGHR	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
AJUWFN	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
AK42TC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
AKT7H7	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ALYP82	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AR4LTM	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 2 - STR Results

AUDBG6	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
AV89XC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
AXDLL7	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AYR4DP	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AZJ83Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
AZLTX7	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
B4F2LD	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

B4JMGT	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
B7AWDF	PowerPlex® 21					
	16,16.3	23,23		17,17	11,13	11,12
2	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					
B7N88E	PowerPlex® Fusion 6c					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
B8KRUE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
B9UW83	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BCC2WY	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BD7L9Y	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

BGHLU6	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BHJL6Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
BJ8K2U	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
BJAKJN	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BK4JA8	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
BRQZAD	PowerPlex® Fusion 6C, GLOBALFILER XPRESS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
BVPEW3	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

BXAFRN	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
C78D76	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CBCBG4	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CC6C9D	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
CCMC43	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CCPZKG	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
CEXWKD	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

CJ6BKH	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CKWRVW	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
CL9GB3	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
CMKH9H	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CTXUEB	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CTXV9A	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CU69LG	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 2 - STR Results

CVFKAT	PowerPlex® 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CVHTDR	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CWW6AB	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
CX7DEP	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
CYEPU7	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CZVRTR	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D2NPRX	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

D3V8VM	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D4842R	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D4QRHM	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
D4VXBH	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
D62U87	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
D6GV8M	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
D7GUQV	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

D8ARWG	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
DAVN68	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DBNLAT	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DBR9R8	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	
DDH7MT	GlobalFiler™ Express (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DDXEP2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DECWT8	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

DF6UXT	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DFMPT2	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
DFR472	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DGDEVN	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DGYJD9	PowerPlex® Fusion 6C Direct					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
DH8MYJ	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DJQF32	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

DLRNT6	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
DLV8UF	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
DPM39M	GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DPP2XH	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
DPTTGC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DREYXG	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DRXDCY	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

DTPA2R	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DTR94	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DX6NZK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
E4J6ED	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
E4QZED	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ECCFPA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
EDEWC8	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

EDQKKL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
EDTHNV	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
EE7Y29	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
EHNCLW	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
EKF9AQ	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ELKR7D	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
EQFBUC	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

EQV3WL	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ERDWWW	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ETKGE4	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ETMYKF	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
EU43N8	GlobalFiler™ Express (Rapid DNA) (STRmix 2.9.1)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
EZKQTA	VeriFiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	
F4HPMY	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

FB2X64	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FBZDPB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FDQZGJ	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FEE84M	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FFGAD7	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FGQAHD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FJAAH2	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

FJVN3	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
FKNRJL	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FL2D82	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
FN9RRE	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FNNX6J	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FP9H7A	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
FPZWYR	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

FRTJ2W	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
FUDFGA	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FUFLQB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FV93TD	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
FVPCQK	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FWKXDJ	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FWZYH8	PowerPlex® Fusion 6C, GlobalFiler™ Express, Signature Prep - Primer Set B					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	

TABLE 2

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

Item 2 - STR Results

FXLJJX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
FYMVNC	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
G3M7JC	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
G4F4PX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
G4F6RJ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
G4G3UR	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
G693X6	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

G6VAF9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
G7LHFC	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
G7MD3N	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
GDQAWM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
GF9N7N	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
GFQPWX	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
GHDLQC	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

GHHTLX		PowerPlex® Fusion 6C					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25	9,11	8,14	21,26.2	7,8	6,11
		12,19	11	18	18		
GK4B4J		Investigator® 24plex					
		16,16.3	23,23	10,11	17,17	11,13	
2		8,10	14,14	15,16	19.1,19.3	12,12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12,12
		25,25			21,26.2	7,8	6,11
		12,19	11				
GKMCQL		PowerPlex® Fusion 6C					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25	9,11	8,14	21,26.2	7,8	6,11
		12,19	11	18	18		
GLEB6J		GlobalFiler™ (STRmix)					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25			21,26.2	7,8	6,11
		12,19	11			2	
GMAVRJ		Investigator® 24plex (STRmix)					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25			21,26.2	7,8	6,11
		12,19	11				
GPDVMA		PowerPlex® Fusion					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25	9,11	8,14		7,8	6,11
		12,19	INC				
GR8C7X		GlobalFiler™					
		16,16.3	23	10,11	17	11,13	
2		8,10	14	15,16	19.1,19.3	12	11,13
		13,18	13,14.2	27,32.2	14,15	X,Y	12
		25			21,26.2	7,8	6,11
		12,19	11			2	

TABLE 2

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

Item 2 - STR Results

GV39PX	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
GVQKFJ	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
GXV8XU	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
GXXTTA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
H24T7Y	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
H2MR4X	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
H2NJHT	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

H2NXUM	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
H3YHEM	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
H63ZRW	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
H8U4FX	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
H9T7H9	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HERQDP	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HHWAKX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

HHYDX9	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HJ6QBF	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
HKWMYA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HM4ZM4	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
HTC7GN	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HUPT2N	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HVHVTX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

HVJK83	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
HWCHDN	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
HZUUXC	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
J26Y9E	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
J4DXUA	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
J4RJ7W	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

J6G4HU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
JAFFKL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
JAKECB	PowerPlex® 21 (STRmix)					
	16,16.3	23,23		17,17	11,13	11,12
2	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					
JAWGGV	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
JAX8VQ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JCLLEA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11,11			2	
JGC9TF	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

JNF6MD	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JTWDBD	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JUHB8H	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
JVWHTY	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
JZ7X3M	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
JZBCQA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
K3RZLG	PowerPlex® Fusion 6C, GlobalFiler™ (LRmix Studio)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	

TABLE 2

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

Item 2 - STR Results

K6GD4Y	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
KCJ9EK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KDPZXK	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
KDRKRF	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
KE34JJ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	Not Tested
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	Not Tested	
KFJKAJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KFJNH2	Investigator® 24plex QS, Flexplex27					
	16,16.3	23,23	10,11	17,17	11,13	11,12
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25		8,14	21,26.2	7,8	6,11
	12,19	11	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

KGUZ8D	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KHJWMB	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
KJHXT3	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
KKDL2Q	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KPR6J8	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KRENK6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KT6WJ9	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

KTMJLH	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
KTNTZE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KUEFBC	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
KVRFK7	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KW4EHZ	Investigator® 24plex QS, GO!					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	
KWMVHH	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
L2GFER	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

L3DYBR	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
L3VMU8	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
L4K876	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
L8KJ36	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
L9ZQFZ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LBHV4W	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
LBWYJ4	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

LCX49Q	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
LD6NQY	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
LE2ZPD	Investigator® 24plex GO!					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LE4LCV	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
LEFGUE	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LEKW7E	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LGBXC3	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

LHYF89	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
LJXPAQ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
LK7NHE	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LKA8PP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LR79G4	Investigator® 24plex QS (Strmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
LR7MUJ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
LRM8U2	PowerPlex® Fusion 6C, Sig Prep B					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

LT66FY	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LTHU9Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LUA42R	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LUZRT3	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LWZ8QR	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
LZFNZW	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
M36BE7	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

M3M7AE	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
M42RJF	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
M6TQYY	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
M76JHF	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
M8DQNU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
MBZ97E	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MCQCUF	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					

TABLE 2

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

Item 2 - STR Results

MCRH22	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
MEYHH2	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
MFD39Q	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MJ833T	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ML2MER	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MLHYUC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MLY2FQ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

MMCJN3	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
MP4FCW	PowerPlex® Fusion 6C, FlexPlex					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MRAYJ6	Investigator® 24plex GO					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MUQFHC	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MUUXNM	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MX7YAT	PowerPlex® 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
MXQQDC	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

MXTBAR	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	-----
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	-----	
MZCEPC	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
MZFB8G	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	not tested
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	not tested	
N63BR8	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
N6BWYP	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
N98UXF	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NAZ38E	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

NBDBDY	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
NBWUKR	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
NDJHWR	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NDZD3E	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
NETU7F	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
NHUAR6	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	-
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	
NLCZ3M	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

NLWPG2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NM4VRG	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
NMMT4G	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NNNGT8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
NPVZC2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NQM4YG	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NUMC7C	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

P4NE8H	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
P6JU4R	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
P7VW8Y	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
PBQBKT	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PC2XGL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PDGB23	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
PEM2Q6	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 2 - STR Results

PGJ4AF	GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
PH497R	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
PHACAJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
PMFACV	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	
PNEBHM	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PRWLJX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PTA3QK	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

PV4L3J	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PVDEC8	PowerPlex® Fusion 6C, GlobalFiler™ IQC, NGM Detect					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
PW8J3E	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PWB2AP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PZ4CUN	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Q3R4JY	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
Q6LMVY	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

Q6X3KE	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Q7B3WU	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Q9GKVP	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	NA
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	NA	7,8	6,11
	12,19	11	NA	NA	NA	
QBH7RG	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QCGRGM	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QCWXUR	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
QD9V6N	PowerPlex® Fusion, GlobalFiler™ (Genemapper ID-X1.4)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

QDW46J	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QENZUD	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QFGZKX	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
QGE2Y2	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QGM CER	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
QHN3TM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QL282G	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

QNBKJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QP7KDA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QPNHJV	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
QRUGKB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QVBKAX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QYCHQR	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
QZ4LFT	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

R2GCJV	PowerPlex® Fusion 6C Direct					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
R2XPKD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
R3CW7V	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
R3PLA8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
R6CNW2	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	-
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	
R6K83Y	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
R8GUGU	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

RAAK4L	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
RDP4W4	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
RF3L72	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RFWQ62	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
RG7QA9	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RGNMUV	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
RJDYLE	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

RJGD72	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
RQVE8W	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
RQXZ4C	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RTHY9U	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
RTZXCJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
RUA4EL	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
RXXEND	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

RXYCYA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
RYMT8W	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
RYQBD8	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
RZ7GTW	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
RZHDUV	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
T33P77	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
T6DHB7	Investigator® 24plex GO! (TrueAllele)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

TEC8XA	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
TGZBF2	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
TH2BVM	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	NR
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	NR	
TJRVH7	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
TLCTMN	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
TPKPNK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TPRTUB	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

TR8DZK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TVMV9N	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
TWDYXP	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
U3GFUJ	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
U6R7AC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
U9M6CN	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
UAE8Y4	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

UAF3HA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
UAYNGR	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	n/a
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	n/a	n/a	21,26.2	7,8	6,11
	12,19	11	n/a	n/a	n/a	
UCK3R3	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
UFAN3J	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UHG4BB	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UJ27PA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
UJP8UZ	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 2 - STR Results

UK2JJC	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ULVQ29	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UNYHTM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UPDXBU	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UR3DDP	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
URXYZN	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UTD6JK	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

UU3LGZ	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
UVHLZP	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
UWQ7HX	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UYJPUW	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
UZWGKT	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
V2JGXU	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
V3BKLU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

V3HGMU	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
V94FR9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VC3YPZ	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
VC6L8E	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VDVWVL	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
VDXJDZ	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
VE74AV	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

VFZHNT	VeriFiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	
VGCAM2	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VGEJG2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VGUBJC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJJEFP	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJMUVB	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJW73E	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

VJZQXU	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
VLEVVX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
VM66UZ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VMHQCP	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VMZY36	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
VNEA8P	PowerPlex® Fusion 6C Direct					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VPKX8M	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

VQ77WJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
VWP63C	PowerPlex® Fusion					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
VXLYY3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VZ9HZZ	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
VZNWAW	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
W4MGRY	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
W8PDJE	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

W9HBPZ	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
WB9LQE	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WD7MB4	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WDRML2	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
WFXJQ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
WGTQE9	GlobalFiler™ Express (STRmix™)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WHLGKN	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

WHTGWP	PowerPlex® Fusion 6c Direct					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WKUM8P	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WME3GC	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WMLJVJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WP7LB3	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WP988J	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WPYJGN	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

WRRCP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WVTEM3	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
WXDTZX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WXECXE	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WZ8VAD	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WZRU6Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
X2U2Y3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

X3PLL3	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
X9E2EF	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
XD7D8Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XFG2Z4	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
XJ9KMT	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XL34YT	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
XLHMJQ	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

XLK9F7	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XMV7FG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
XXNLR	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
XN4BVQ	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XNM34B	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
XQGRJP	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XT2QN8	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

XTX9KG	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
XUDPK2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XV874Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XVCLGQ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y3MJ8H	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Y4XVWT	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Y696Z6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

Y6BM7G	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Y7LPTE	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y8DTGF	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y8TPUU	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YANJYW	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
YB3XGE	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YC9WHU	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

YG4NN7	GlobalFiler™ Express					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YGX2YH	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YHGWUQ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YHXZHQ	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YJRN2L	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YPXW9W	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YQ97C9	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

YQAZ6E	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
YQT3K2	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
YTH26R	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YUEMRQ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YUQJWV	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YW2AED	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
YWHFLP	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

YXAH96	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YYHRYG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
YYNQQ7	GlobalFiler™ Express					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YZAVMH	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Z2A2U4	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Z4B6J6	GlobalFiler™ Express (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Z63BXC	PowerPlex® 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 2 - STR Results

Z66VPK	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
Z67UJR	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
Z97WR3	GlobalFiler™ Express (STRmix)					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ZCKGTW	PowerPlex® Fusion, GlobalFiler™ (Genmapper)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11,11			2	
ZFQ4KT	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ZLQN8W	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
ZM4XK3	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 2 - STR Results

ZNXFA6	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ZPAFJY	Identifiler® Plus					
		23,23		17,17	11,13	
2	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
ZPDXPA	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ZR2C9T	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZTAM6W	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZU3KBH	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
ZUUCGP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

ZXP7EQ	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ZYZY7K	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZZA73K	Investigator® 24plex QS, FLEX PLEX 27					
	16,16.3	23,23	10,11	17,17	11,13	11,12
2	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	N/A	
ZZVKTJ	PowerPlex® Fusion 6C, Signature Prep Primer Set B					
	16,16.3	23	10,11	17	11,13	11,12
2	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

22JBHU	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
23HL4P	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
24CCA4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
24QN43	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
26KEAG	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
27BEUT	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
27WBEL	Investigator® 24plex (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

29JUFJ	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	n/a
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	n/a	n/a	21,26.2	7,8	6,11
	12,19	11	n/a	n/a	n/a	
2E8DZM	Investigator® 24plex (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
2GYGPM	Verifiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	
2MGJG6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
2MHUA9	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
2NHMFT	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2P9VFW	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

2PCDL8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
2QMF97	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2W8MHX	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
2WNLTB	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2XNJCJ	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
2YGHH6	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2YWZZG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

2YXNP8	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
37F8T8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
37PZ4U	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
38L4MA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
3JG9XV	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
3JJTUB	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3JZBT7	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

3L4WAV	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
3NWLFLV	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
3QCPDM	Identifiler® Plus, GlobalFiler™, Verifiler Plus; Investigator® 26plex					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
3RRGEW	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
3RRJ62	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
3RZ6BJ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3U2JA9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

3UUHFU	PowerPlex® Fusion (STRmix 2.7)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
3VD69A	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
3VU4L8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
42CA4Y	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
42ETBA	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
44G8NL	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	NT
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NT	NT	21,26.2	7,8	6,11
	12,19	11	NT	NT	2	
44PN3T	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

44ZE4X	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
47B6KE	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
47PW84	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
4A6FYK	PowerPlex® Fusion 6c, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
4AD4V8	GlobalFiler™					
	NT	NT	NT	NT	NT	
3	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
4CA79L	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
4CDLLL	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

4CWEDJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
4EHZ77	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
4EKL3L	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
4EYPGT	PowerPlex® ESX17Fast					
	16,16.3	23	10,11	17		
3		14	15,16	19.1,19.3		11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	
	25			21,26.2	7,8	
	12,19					
4EZAWL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
4FBNB3	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
4L4ZVJ	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

4NPZJE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
4NVWKD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
4RBQXP	GlobalFiler™ (STRmix)					
	15,16,16.3	22,23	9,10,11	16,17,18	10,11,12,13,14	
3	7,8,9,10	13,14,15	14,15,16	18.1,18.3,19.1,19.3,20.1	11,12,13	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12,13
	23,24,25,26			20,20.2,21,25.2,26,26.2	6,7,8	6,10,11
	11,12,18,19	10,11			2	
4XFEMK	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
4YMUWC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
4YTWWH	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
63LFD7	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

63N2AM	PowerPlex® 21					
	16,16.3	23,23		17,17	11,13	11,12
3	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					
66BLZY	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
68FDRC	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
69TXKL	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
6A29E4	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6AK29M	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6D467K	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

6D7RMX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6EEV99	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6HJCUJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6K69AW	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
6K7A3A	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6LVCYX	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
6N4HHD	Investigator® 24plex Q,S					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

6NN9F6	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6PB7DA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6PWD2F	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	-
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	
6TG9WL	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
6VGHPA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6VJFRJ	Investigator® 24plex QS (STRMix v2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
6XDZ6H	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

6YLAT9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
6YQP7A	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
6ZYLVK	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
732YVH	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
74XJJH	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
77XBAP	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	-
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	-	
78RM4A	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

7A389C	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7AK8F9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7CT9PL	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
7FP2EB	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
7GJRKP	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7MPQQ9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
7U6VKN	GlobalFiler™ (STRmix)					
	16,16.3	22,23	9,10,11	16,17	11,13	
3	8,10	13,14	15,16	19.1,19.3	11,12	11,12,13
	13,17,18	12,13,13.2,14.2	27,32.2	14,15	X,Y	11,12
	24,25			20,21,25.2,26.2	6,7,8	6,11
	12,18,19	11			2	

TABLE 2

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

Item 3 - STR Results

7X3UUX	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
7Y9TLM	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
822EB3	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
823DFW	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
82JJQF	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
88EYTA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
899PYN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

8AFVUJ	GlobalFiler™ (STRmix 2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
8ATXPB	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
8BTN47	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8FZE7C	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
8GVYUC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8JMX8A	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8JNY39	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

8KV7E9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8MMA4A	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8NTWC9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8PTMR3	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
8T9BCZ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
8UML7Y	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
8VGCCD	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

93CREP	Investigator® 24plex QS (STRMIX)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
93ECA7	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
96EE8U	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
96J3GL	GlobalFiler™ (STRmix)					
	15,15.3,16,16.3,17.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25			20,20.2,21,25.2,26,26.2	7,8	6,11
	11,12,18,19	10,11			2	
97CTMZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
99HECK	GlobalFiler™ (STRmix)					
	15,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25			20,21,25.2,26,26.2	7,8	6,11
	12,18,19	10,11			2	
99U8W2	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

9AC6HZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9AVEEG	NGM Detect					
	16,16.3	23	10,11	17		
3		14	15,16	19.1,19.3		11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	
	25			21,26.2	7,8	
	12,19				2	
9BQC4G	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9EN23F	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
9GNEGT	GlobalFiler™ (STRmix 2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9JEDVQ	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
9MFUGF	PowerPlex® Fusion, MiniFiler					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

9NB64N	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
9RXNDL	GlobalFiler™ (STRmix)					
	15,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25			20,20.2,21,25.2,26,26.2	7,8	6,10,11
	12,18,19	10,11			2	
9TREJZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9V786Y	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
9VEV2L	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
A4HJV6	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
A6WWUZ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

A8HK7Z	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
A9W8NE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AB6FVE	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ABLAWN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ACCQGW	GlobalFiler™ (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ADCLGF	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
AGA4K9	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

AH32QU	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AHGHR	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
AK42TC	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
AKT7H7	GlobalFiler™ (STRmix V2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ALYP82	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AUDBG6	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
AV89XC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

AXDLL7	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AYR4DP	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
AZJ83Q	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
AZLTX7	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
B4F2LD	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
B4JMGT	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
B7AWDF	PowerPlex® 21					
	16,16.3	23,23		17,17	11,13	11,12
3	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					

TABLE 2

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

Item 3 - STR Results

B7N88E	PowerPlex® Fusion 6c (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
B8KRUE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
B9UW83	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BCC2WY	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BD7L9Y	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BJ8K2U	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
BJAKJN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

BK4JA8	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
BRQZAD	PowerPlex® Fusion 6C (STRMIX 2.6)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
BXAFRN	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
C78D76	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CBCBG4	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CC6C9D	Investigator® 24plex QS (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
CCMC43	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

CEXWKD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CJ6BKH	GlobalFiler™ (STRmix)					
	15,15.3,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,18.3,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25,26			20,21,25.2,26.2	6,7,8	6,10,11
	11,12,18,19	11			2	
CKWRVW	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
CL9GB3	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
CMKH9H	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
CTXUEB	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CTXV9A	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

CVFKAT	PowerPlex® 6C					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CVHTDR	PowerPlex® Fusion 6C					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CWW6AB	GlobalFiler™					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
CYEPU7	PowerPlex® Fusion 6C					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
CZVRTR	GlobalFiler™ (STRmix)					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D2NPXR	GlobalFiler™ (STRmix)					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D3V8VM	GlobalFiler™ (STRmix)					
3	16,16.3	23	10,11	17	11,13	
	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

D4842R	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
D4QRHM	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
D4VXBH	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
D62U87	Investigator® 24plex (STRmix V2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
D6GV8M	GlobalFiler™ (STRmix v 2.4)					
	19.1,19.3		10,11	17,17	11,13	
3	8,10	14,14	15,16	23,23	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
D7GUQV	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
DAVN68	Investigator® 24plex (STRmix V2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

DBNLAT	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DBR9R8	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	
DDH7MT	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DDXEP2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DECWT8	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DF6UXT	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DFMPT2	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

DFR472	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DGYJD9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
DH8MYJ	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DJQF32	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DLV8UF	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
DPTTGC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DREYXG	GlobalFiler™ (STRmix 2.4)					
	15,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,18.3,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25			20,21,25.2,26.2	6,7,8	6,10,11
	11,12,18,19	11			2	

TABLE 2

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

Item 3 - STR Results

DRXDCY	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DTPA2R	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
DTTR94	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
DX6NZK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
E4QZED	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ECCFPA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
EDEWC8	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

EDQKKL	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
EDTHNV	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
EE7Y29	Investigator® 24plex QS (STRmix v2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
EHNCLW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
EKF9AQ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
EQFBUC	GlobalFiler™ (STRmix v2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
EQV3WL	GlobalFiler™ (STRmix 2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

ERDWWW	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
EU43N8	GlobalFiler™ (STRmix 2.9.1)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
EZKQTA	VeriFiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	
F4HPMY	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
FB2X64	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FBZDPB	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FDQZGJ	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

FEE84M	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FFGAD7	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FGQAHD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FJAAH2	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
FJVXN3	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
FKNRJL	Investigator® 24plex (STRMIX)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FN9RRE	GlobalFiler™ (STRMIX)					
	15,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3	7,8,9,10	13,14	14,15,16	18.1,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2,15.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25			20,20.2,21,25.2,26,26.2	7,8	6,11
	12,18,19	10,11			2	

TABLE 2

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

Item 3 - STR Results

FNNX6J	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
FP9H7A	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
FPZWYR	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FRTJ2W	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
FUDFGA	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FUFLQB	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
FVPCQK	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

FWKXDJ	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
FWZYH8	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
FXLJJX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
FYMVNC	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
G3M7JC	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
G4F4PX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
G4F6RJ	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

G4G3UR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
G6VAF9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
G7LHFC	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
G7MD3N	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
GDQAWM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
GF9N7N	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
GFQPWX	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

GHDLQC		GlobalFiler™ (STRmix 2.4.06)					
3	16,16.3	23,23	10,11	17,17	11,13		
	8,10	14,14	15,16	19.1,19.3	12,12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12	
	25,25			21,26.2	7,8	6,11	
	12,19	11			2		
GHHTLX		PowerPlex® Fusion 6C					
3	16,16.3	23	10,11	17	11,13		
	8,10	14	15,16	19.1,19.3	12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12	
	25	9,11	8,14	21,26.2	7,8	6,11	
	12,19	11	18	18			
GK4B4J		Investigator® 24plex (STRmix)					
3	16,16.3	23,23	10,11	17,17	11,13		
	8,10	14,14	15,16	19.1,19.3	12,12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12	
	25,25			21,26.2	7,8	6,11	
	12,19	11					
GKMCQL		PowerPlex® Fusion 6C					
3	16,16.3	23	10,11	17	11,13		
	8,10	14	15,16	19.1,19.3	12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12	
	25	9,11	8,14	21,26.2	7,8	6,11	
	12,19	11	18	18			
GLEB6J		GlobalFiler™ (STRmix)					
3	16,16.3	23	10,11	17	11,13		
	8,10	14	15,16	19.1,19.3	12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12	
	25			21,26.2	7,8	6,11	
	12,19	11			2		
GR8C7X		GlobalFiler™					
3	16,16.3	23	10,11	17	11,13		
	8,10	14	15,16	19.1,19.3	12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12	
	25			21,26.2	7,8	6,11	
	12,19	11			2		
GV39PX		PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
3	16,16.3	23	10,11	17	11,13		
	8,10	14	15,16	19.1,19.3	12	11,13	
	13,18	13,14.2	27,32.2	14,15	X,Y	12	
	25	9,11	8,14	21,26.2	7,8	6,11	
	12,19	11			2		

TABLE 2

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

Item 3 - STR Results

GVQKFJ	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
GXV8XU	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
GXXTTA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
H2MR4X	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
H2NJHT	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
H2NXUM	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
H3YHEM	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

H63ZRW	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
H9T7H9	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HERQDP	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HHWAKX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HHYDX9	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HJ6QBF	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
HKWMYA	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

HM4ZM4	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
HTC7GN	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HUPT2N	GlobalFiler™, MiniFiler					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
HVHVTX	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HVJK83	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
HWCHDN	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
HZUUXC	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

J26Y9E	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
J4DXUA	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
J4RJ7W	GlobalFiler™ (STRmix v2.5)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
J6G4HU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
JAFFKL	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
JAKECB	PowerPlex® 21 (STRmix)					
	16,16.3	23,23		17,17	11,13	11,12
3	8,10	14,14		19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					
JAWGGV	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

JAX8VQ	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JCLLEA	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
JNF6MD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JTWDBD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
JUHB8H	GlobalFiler™ (STRmix 2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
JVWHTY	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
JZ7X3M	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

JZBCQA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
K3RZLG	PowerPlex® Fusion 6C, GlobalFiler™ (LRmix Studio)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	
KCJ9EK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KDPZXK	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
KDRKRF	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
KFJKAJ	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KFJNH2	Investigator® 24plex QS, Flexplex27					
	16,16.3	23,23	10,11	17,17	11,13	11,12
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25		8,14	21,26.2	7,8	6,11
	12,19	11	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

KGUZ8D	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KHJWMB	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
KJHXT3	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
KKDL2Q	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KPR6J8	GlobalFiler™ (STRMix v2.9)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KRENK6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KT6WJ9	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

KTMJLH	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
KTNTZE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
KUEFBC	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
KVRFK7	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
KW4EHZ	Investigator® 24plex QS, FLEXPlex27					
	16,16.3	23,23	10,11	17,17	11,13	11,12
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	N/A	
KWMVHH	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
L2GFER	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

L3DYBR	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
L3VMU8	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
L4K876	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
L9ZQFZ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LBHV4W	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
LBWYJ4	PowerPlex® Fusion					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
LCX49Q	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

LE2ZPD	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LE4LCV	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
LEFGUE	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
LGBXC3	Investigator® 24plex QS (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
LJXPAQ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
LKA8PP	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LR79G4	Investigator® 24plex QS (strmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

LRM8U2	PowerPlex® Fusion 6C, Sig Prep B					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LT66FY	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LTHU9Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LUA42R	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
LUZRT3	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13,[14]
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
LWZ8QR	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
M36BE7	Investigator® 24plex (Strmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

M3M7AE	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
M42RJF	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
M6TQYY	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
M76JHF	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
M8DQNU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
MBZ97E	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MCQCUF	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					

TABLE 2

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

Item 3 - STR Results

MCRH22	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
MEYHH2	Investigator® 24plex QS (STRmix v2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
MFD39Q	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MJ833T	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ML2MER	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MLHYUC	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MLY2FQ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

MMCJN3	GlobalFiler™ (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
MP4FCW	PowerPlex® Fusion 6C (STRmix 2.6)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MRAYJ6	Investigator® 24plex QS					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MUQFHC	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MUUXNM	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
MXQQDC	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
MZCEPC	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					

TABLE 2

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

Item 3 - STR Results

N63BR8	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
N6BWYP	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	2	
N98UXF	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NBDBDY	PowerPlex® Fusion 6C					
3						
NBWUKR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
NDJHWR	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NETU7F	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

NHUAR6	GlobalFiler™ (STRmix v 2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	-
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	
NLCZ3M	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NLWPG2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NM4VRG	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
NMMT4G	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
NNNGT8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
NPVZC2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

NQM4YG	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
P4NE8H	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
P7VW8Y	PowerPlex® Fusion, AmpFISTR MiniFiler					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
PBQBKT	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PC2XGL	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PDGB23	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
PGJ4AF	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

PHACAJ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
PMFACV	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	
PNEBHM	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PRWLJX	GlobalFiler™ (STRMIX)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PTA3QK	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PV4L3J	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PVDEC8	PowerPlex® Fusion 6C, GlobalFiler™ IQC, NGM Detect					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	2	

TABLE 2

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

Item 3 - STR Results

PW8J3E	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
PWB2AP	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
PZ4CUN	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Q3R4JY	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
Q6LMVY	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Q6X3KE	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Q7B3WU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

Q9GKVP	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	NA
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	NA	7,8	6,11
	12,19	11	NA	NA	NA	
QBH7RG	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QCGRGM	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QCWXUR	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
QD9V6N	PowerPlex® Fusion, GlobalFiler™ (Genemapper ID-X1.4)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
QDW46J	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QENZUD	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

QFGZKX	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
QGE2Y2	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QHN3TM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QL282G	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QNBYKJ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
QP7KDA	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
QPNHJV	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

QVBKAX	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QYCHQR	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
R2GCJV	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
R2XPKD	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
R3CW7V	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
R3PLA8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
R6CNW2	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	-
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	-	-	21,26.2	7,8	6,11
	12,19	11	-	-	2	

TABLE 2

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

Item 3 - STR Results

R6K83Y	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RAAK4L	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	NA
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	NA	NA	21,26.2	7,8	6,11
	12,19	11	NA	NA	2	
RDP4W4	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
RF3L72	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RG7QA9	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RGNMUV	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
RJDYLE	PowerPlex® Fusion 6C (STRMIX)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

RJGD72	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
RQVE8W	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
RTHY9U	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
RTZXCJ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
RXXEND	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
RXYCYA	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
RYMT8W	Investigator® 24plex QS (STRmix V.2.4)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

RQYBD8	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
RZ7GTW	Investigator® 24plex QS (STRmix v.2.4)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
RZHUV	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
T33P77	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
T6DHB7	Investigator® 24plex QS (TrueAllele)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
TEC8XA	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
TGZBF2	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

TH2BVM	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	NR
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	NR	
TLCTMN	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
TPKPNK	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TR8DZK	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TVMV9N	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
U3GFUJ	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
U6R7AC	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

UAE8Y4	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
UAF3HA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
UAYNGR	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	n/a
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	n/a	n/a	21,26.2	7,8	6,11
	12,19	11	n/a	n/a	n/a	
UCK3R3	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
UFAN3J	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UHG4BB	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UJ27PA	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

ULVQ29	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UNYHTM	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UPDXBU	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UR3DDP	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
URXYZN	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
UTD6JK	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UU3LGZ	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

UVHLZP	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
UWQ7HX	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
UYJPUW	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
UZWGKT	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
V2JGXU	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
V3BKLU	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
V3HGMU	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

V94FR9	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VC3YPZ	Investigator® 24plex					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
VC6L8E	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VDVWVL	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12,[13]	11,13
	13,18	13,14.2	27,[31.2],32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
VDXJZ	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
VE74AV	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
VFZHNT	VeriFiler Plus					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19				2	

TABLE 2

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

Item 3 - STR Results

VGCAM2	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VGEJG2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VGUBJC	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJJEFP	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJMUVB	GlobalFiler™, MiniFiler					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VJW73E	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VJZQXU	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

VLEWVX	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
VM66UZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VMHQCP	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VMZY36	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
VNEA8P	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
VQ77WJ	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
VWP63C	PowerPlex® 16					
				17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18		27,32.2		X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19					

TABLE 2

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

Item 3 - STR Results

VXLYY3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
VZ9HZZ	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
VZNWAW	Investigator® 24plex QS (STRmix V2.4.06)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
W4MGRY	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
W8PDJE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WB9LQE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WDRML2	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

WFYXJQ	Investigator® 24plex QS (STRmix v2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
WGTQE9	GlobalFiler™ (STRmix™)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WHLGKN	Investigator® 24plex (STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
WHTGWP	PowerPlex® Fusion 6c (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WKUM8P	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WME3GC	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WMLJVJ	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

WP7LB3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
WRRCPPE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WVTEM3	PowerPlex® Fusion 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,[13]
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
WXDTZX	GlobalFiler™ (STRmix 2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WZ8VAD	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
WZR6Q	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
X2U2Y3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

X3PLL3	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
X9E2EF	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
XD7D8Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XFG2Z4	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XJ9KMT	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XL34YT	Investigator® 24plex QS (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
XLHMJQ	Investigator® 24plex QS (STRmix v2.4)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3 - STR Results

XLK9F7	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XMV7FG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
XXNLR	(STRMix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
XN4BVQ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XNM34B	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
XQGRJP	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XT2QN8	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

XTX9KG	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
XUDPK2	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XV874Q	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
XVCLGQ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y3MJ8H	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Y4XVWT	GlobalFiler™ (STRmix v. 2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Y696Z6	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

Y7LPTE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y8DTGF	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y8TPUU	GlobalFiler™ (STRmix version 2.4)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YANJYW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
YB3XGE	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YC9WHU	GlobalFiler™ (STRmix v2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YG4NN7	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

YGX2YH	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YHGWUQ	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YHXZHQ	Investigator® 24plex					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
YJRN2L	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YPXW9W	GlobalFiler™					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
YQ97C9	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YQAZ6E	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	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 3 - STR Results

YQT3K2	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
YTH26R	Investigator® 24plex QS (STRmix v2.4.06)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YUEMRQ	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YUQJWV	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
YW2AED	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
YWHFLP	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
YXAH96	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3 - STR Results

YYHRYG	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2,[33.2]	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
YYNQQ7	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
Z2A2U4	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Z4B6J6	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
Z63BXC	PowerPlex® 5C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	11				
Z66VPK	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
Z67UJR	PowerPlex® Fusion (STRmix v2.7)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 3 - STR Results

Z97WR3	GlobalFiler™ (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11			2	
ZCKGTW	PowerPlex® Fusion, GlobalFiler™ (Genmapper)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11			2	
ZFQ4KT	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
ZM4XK3	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ZNXFA6	PowerPlex® Fusion 6C					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ZPAFJY	Identifiler® Plus					
		23,23		17,17	11,13	
3	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
ZPDXPA	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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

ZR2C9T	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZTAM6W	Investigator® 24plex (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZU3KBH	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
ZUUCGP	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
ZXP7EQ	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ZYZY7K	Investigator® 24plex QS (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
ZZA73K	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	N/A
3	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	N/A	N/A	21,26.2	7,8	6,11
	12,19	11	N/A	N/A	N/A	

TABLE 2

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

Item 3 - STR Results

ZZVKTJ	PowerPlex® Fusion 6C, Signature Prep Primer Set B					
	16,16.3	23	10,11	17	11,13	11,12
3	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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 3e - STR Results

264CDG	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
2A3PBR	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
3MFC4W	Identifiler® Plus					
		23,23		17,17	11,13	
3e	8,10	14,14			12,12	11,13
	13,18	13,14.2	27,32.2		X,Y	12,12
	25,25				7,8	6,11
	12,19					
3TJFTV	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
48ZQYW	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
4A6HPP	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
7FY92B	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	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 3e - STR Results

7TUTXP	GlobalFiler™ (STRmix used for Item 3e)					
	15,16,16.3	22,23	9,10,11	16,17	10,11,12,13	
3e	7,8,9,10	13,14	14,15,16	18.1,18.3,19.1,19.3	11,12	10,11,12,13
	12,13,17,18	12,13,13.2,14.2	26,27,31.2,32.2	13,14,15,16	X,Y	11,12
	24,25,26			20,21,25.2,26.2	6,7,8	6,10,11
	12,18,19	11			2	
94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
3e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
9DXLZK	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9V6E67	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
AJUWFN	PowerPlex® Fusion 5C (STRMix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
AR4LTM	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
BGHLU6	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				

TABLE 2

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

Item 3e - STR Results

CCPZKG	PowerPlex® Fusion 5C (STRmix v 2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
CU69LG	PowerPlex® Fusion (STRmix v 2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
CX7DEP	Investigator® 24plex (STRMix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
D8ARWG	PowerPlex® Fusion (STRMix)					
	16,16.3	23	10,11	15,17	11,13	
3e	8,10	14	13,14,15,16	19.1,19.3	12	11,13
	13,16,18	13,14.2	27,31.2,32.2	14,15	X,Y	12,13
	25	9,11	8,14		7,8	6,11
	12,19	INC				
DLRNT6	Investigator® 24plex QS					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11				
DPM39M	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
DPP2XH	PowerPlex® Fusion 5C (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	13
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 3e - STR Results

E4J6ED	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
ELKR7D	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
ETKGE4	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
ETMYKF	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
FL2D82	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
FV93TD	PowerPlex® 5C (STRmix 2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
G693X6	PowerPlex® Fusion 5C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				

TABLE 2

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

Item 3e - STR Results

GMAVRJ	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
GPDVMA	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
H24T7Y	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
H8U4FX	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
K6GD4Y	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
KE34JJ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	Not Tested
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	Not Tested	

TABLE 2

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

L8KJ36	PowerPlex® Fusion (STRMix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
LD6NQY	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
LHYF89	PowerPlex® Fusion (Strmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
LZFNZW	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
MZFB8G	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	not tested
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	not tested	
NDZD3E	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
P6JU4R	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3e - STR Results

PEM2Q6	PowerPlex® Fusion (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
PH497R	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
QGM CER	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
QZ4LFT	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
R8GUGU	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
RFWQ62	PowerPlex® Fusion (STRMix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
RUA4EL	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	

TABLE 2

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

Item 3e - STR Results

TPRTUB	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TWDYXP	GlobalFiler™ (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
U9M6CN	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
UJP8UZ	PowerPlex® Fusion (STRmix v2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				
UK2JJC	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
VPKX8M	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
W9HBPZ	PowerPlex® Fusion (strmix v2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 3e - STR Results

WD7MB4	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WP988J	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
WPYJGN	PowerPlex® Fusion 5C					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14		7,8	6,11
	12,19	11				
WXECXE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
Y6BM7G	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
YZAVMH	GlobalFiler™					
	16,16.3	23,23	10,11	17,17	11,13	
3e	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25			21,26.2	7,8	6,11
	12,19	11			2	
ZLQN8W	PowerPlex® Fusion 5C (STRMix 2.7)					
	16,16.3	23	10,11	17	11,13	
3e	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25	9,11	8,14		7,8	6,11
	12,19	INC				

TABLE 2

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

Item 3sp - STR Results

264CDG	GlobalFiler™					
	No Results	No Results	No Results	No Results	No Results	
3sp	No Results	14,---	No Results	No Results	12,---	No Results
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results			21,---	No Results	No Results
	No Results	No Results			No Results	
2A3PBR	PowerPlex® Fusion 6C					
3sp						
3MFC4W	Identifiler® Plus					
3sp						
3TJFTV	PowerPlex® Fusion (STRmix)					
3sp						
48ZQYW	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3sp	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
4A6HPP	PowerPlex® Fusion (STRmix)					
3sp						
7FY92B	PowerPlex® Fusion 6C (STRmix)					
	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		

TABLE 2

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

7TUTXP	GlobalFiler™ (STRmix used for Item 3e)					
	16,16.3	23	10,11	17	13	
3sp	8,10	14	15,16	19.1,19.3	12	13
	13	13,14.2	27,32.2	14,15	Y	12
	25			21	7,8	6,11
	NR	NR			NR	
94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
3sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
9DXLZK	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3sp	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
9V6E67	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	
AJUWFN	PowerPlex® Fusion 5C (STRMix)					
3sp						
AR4LTM	PowerPlex® Fusion (STRmix)					
3sp						
BGHLU6	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			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

CCPZKG PowerPlex® Fusion 5C (STRmix v 2.7)

3sp	

CU69LG PowerPlex® Fusion (STRmix v 2.7)

3sp	

CX7DEP Investigator® 24plex (STRMix)

	16,16.3	23	10,11	17	11,13	
3sp	10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				

D8ARWG PowerPlex® Fusion (STRMix)

3sp	

DLRNT6 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				

DPM39M PowerPlex® Fusion 5C

	No Result	23,---	10,---	17,---	No Result	
3sp	No Result	No Result	No Result	No Result	12,---	11,13
	18,---	No Result	32.2,---	No Result	No Result	12,---
	No Result	No Result	No Result		7,---	No Result
	No Result	No Result				

DPP2XH PowerPlex® Fusion 5C (STRmix)

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

E4J6ED	PowerPlex® Fusion (STRmix)					
3sp	[Redacted]					
	[Redacted]					
ELKR7D	PowerPlex® Fusion (STRmix)					
3sp	[Redacted]					
	[Redacted]					
ETKGE4	PowerPlex® Fusion 5C					
3sp	16,---	No Results	No Results	17,---	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		8,---	No Results
	No Results	No Results				
ETMYKF	PowerPlex® Fusion (STRmix)					
3sp	[Redacted]					
	[Redacted]					
FL2D82	PowerPlex® Fusion 6C					
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	No Results
	No Results	No Results	No Results	No Results		
FV93TD	PowerPlex® 5C (STRmix 2.7)					
3sp	[Redacted]					
	[Redacted]					
G693X6	PowerPlex® Fusion 5C (STRmix)					
3sp	No Results	No Results	11,---	17,---	No Results	
	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	13,14.2	No Results	14,---	X,Y	No Results
	No Results	9,11	14,---		No Results	No Results
	No Results	11				

TABLE 2

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

Item 3sp - STR Results

GMAVRJ	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3sp	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
GPDVMA	PowerPlex® Fusion (STRmix)					
3sp						
H24T7Y	PowerPlex® Fusion 5C					
	{16,16.3}	23,23	10,11	17,17	11,13	
3sp	{8,10}	14,14	15,16	19.1,---	12,12	11,13
	{13,18}	13,14.2	27,32.2	14,15	X,Y	12,---
	25,25	{9,11}	8,14		7,8	6,11
	12,19	11				
H8U4FX	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		
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	INS	INS	INS	INS	INS	
3sp	INS	INS	INS	INS	INS	INS
	INS	INS	INS	INS	INS	INS
	INS	INS	INS	INS	INS	INS
	INS	INS				
K6GD4Y	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	27,---	No Results	No Results	No Results
	No Results			No Results	No Results	No Results
	No Results	11			No Results	
KE34JJ	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	Not Tested
3sp	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	Not Tested	

TABLE 2

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

L8KJ36	PowerPlex® Fusion (STRMix)					
3sp	[Redacted]					
	[Redacted]					
LD6NQY	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				
LHYF89	PowerPlex® Fusion (Strmix)					
3sp	[Redacted]					
	[Redacted]					
LZFNZW	GlobalFiler™					
3sp	[Redacted]					
	[Redacted]					
MZFB8G	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	not tested
3sp	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18	not tested	
NDZD3E	PowerPlex® Fusion 6C					
	No results	No results	10	17	No results	
3sp	No results	14	No results	No results	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
	19	No results	No results	No results		
P6JU4R	GlobalFiler™					
	16,---	23,---	11,---	17,---	11,---	
3sp	10,---	14,---	15,---	19.3,---	12,---	{11,13}
	{13,18}	{13,14.2}	32.2,---	{14,15}	{X,Y}	12,---
	No Results			No Results	7,---	{6,11}
	12,19	11			2	

TABLE 2

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

Item 3sp - STR Results

PEM2Q6 PowerPlex® Fusion (STRmix)

3sp						

PH497R GlobalFiler™

	16,3,---	No Results	No Results	No Results	No Results	
3sp	No Results	14,---	No Results	No Results	No Results	No Results
	18,---	13,---	No Results	No Results	X,---	No Results
	No Results			21,---	No Results	No Results
	No Results	No Results			No Results	

QGM CER 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				

QZ4LFT PowerPlex® Fusion 5C

	16,3,---	No Results	10,---	17,---	13,---	
3sp	No Results	14,---	15,16	19.1,---	12,---	No Results
	No Results	14.2,---	No Results	14,15	Y,---	12,---
	No Results	No Results	8,---		7,---	6,11
	19,---	No Results				

R8GUGU 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	

RFWQ62 PowerPlex® Fusion (STRMix)

3sp						

RUA4EL GlobalFiler™

				17,---		
3sp						
					X,---	
	25,---			26.2,---		

TABLE 2

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

TPRTUB	PowerPlex® Fusion 6C					
	16,16.3	23,23	10,11	17,17	11,13	
3sp	8,10	14,14	15,16	19.1,19.3	12,12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12,12
	25,25	9,11	8,14	21,26.2	7,8	6,11
	12,19	11	18	18		
TWDYXP	GlobalFiler™ (STRmix)					
	No Results	23,---	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	7,---	No Results
	No Results	No Results			No Results	
U9M6CN	Investigator® 24plex (STRmix)					
	16,16.3	23	10,11	17	11,13	
3sp	8,10	14	15,16	19.1,19.3	12	11,13
	13,18	13,14.2	27,32.2	14,15	X,Y	12
	25			21,26.2	7,8	6,11
	12,19	11				
UJP8UZ	PowerPlex® Fusion (STRmix v2.7)					
3sp						
UK2JJC	GlobalFiler™					
	16			17		
3sp						
	27					
	2					
VPKX8M	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		
W9HBPZ	PowerPlex® Fusion (strmix v2.7)					
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

WD7MB4	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	

WP988J	GlobalFiler™					
3sp						

WPYJGN	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				

WXECXE	PowerPlex® Fusion 6C (STRmix)					
3sp						

Y6BM7G	GlobalFiler™					
3sp						

YZAVMH	GlobalFiler™					
	No Results	No Results	No Results	No Results	11,---	
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	

ZLQN8W	PowerPlex® Fusion 5C (STRMix 2.7)					
3sp						

TABLE 2

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

Item 4 - STR Results

4AD4V8	GlobalFiler™					
	NT	NT	NT	NT	NT	
4	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
4EYPGT	PowerPlex® ESX17Fast					
	13,14,19.3	17,21,22	11,11.3,12	17,18		
4		11,14,15	13,14	17,18		9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	
	19,20,21,25			19,27.2,31.2	6,7,8	
	13,15,18,19					
4L4ZVJ	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
9MFUGF	PowerPlex® Fusion					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
AB6FVE	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GVQKFJ	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KTMJLH	PowerPlex® Fusion 5C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4 - STR Results

KWMVHH	PowerPlex® Fusion 5C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
LBWYJ4	PowerPlex® Fusion					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
M3M7AE	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
P7VW8Y	PowerPlex® Fusion, AmpFISTR MiniFiler					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
PVDEC8	PowerPlex® Fusion 6C, GlobalFiler™ IQC, NGM Detect					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	2	
Q9GKVP	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	
QBH7RG	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,12	17,18	12,13	
4	8,9	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8	19	6,7,8	8,11
	13,15,18,19	10	17,20	16,17		

TABLE 2

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

Item 4 - STR Results

QP7KDA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
RXYCYA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
U3GFUJ	PowerPlex® 5C					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4	8,9,[10]	11,14,15	13,14	17,18	11,12,[13]	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
XFG2Z4	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
Z63BXC	PowerPlex® 5C					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4	8,9,[10]	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

22JBHU	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	10,11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	13,14	16,17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
23HL4P	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
24CCA4	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
24QN43	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
264CDG	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10			2	
26KEAG	Investigator® 24plex (STRmix)					
	12,13,14,19.3	17,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	8,9	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	29,30,31.2,32.2	14,15,16,17,18,19	X,Y	8,10,11
	19,20,21,24,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
27BEUT	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

27WBEL	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
29JUFJ	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	n/a
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	n/a	n/a	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	n/a	n/a	n/a	
2A3PBR	PowerPlex® Fusion 6C					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
2E8DZM	Investigator® 24plex (STRMix)					
	12,13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
2GYGPM	Verifiler Plus					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	12,18,19
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19				2	
2MGJG6	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
2MHUA9	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

2NHMFT	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
2P9VFW	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
2PCDL8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
2QMF97	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],[16],[19],20	11,14.2,[17.2]	30,32.2	[14],[15],[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
2W8MHX	Investigator® 24plex (STRmix)					
	12,13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
2WNLTB	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
2XNJCJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

2YGHH6	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
2YWZZG	PowerPlex® Fusion 5C					
	13,14	(17),21,22	11,11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,14	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(17.2)	30,32.2	(14),15,18	X,Y	8,11
	(19),(20),21,25	11,11	7,8,(12)		(6),7,8	8,11
	(12),13,(18),19	10				
2YXNP8	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
37F8T8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
37PZ4U	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
38L4MA	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	14,15,17,18	X,Y	8,11
	[19,20],21,25			19,[27.2,31.2]	6,7,8	8,11
	13,[15,18],19	10			2	
3JG9XV	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

3JJTUB	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
3JZBT7	PowerPlex® Fusion 5C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
3L4WAV	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3,12]	17,[18]	12,13	
4e	8,[9,10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19,20],21,25	11,[12]	7,[8,12]		6,7,8	[8],11
	[13,15,18],19	10				
3MFC4W	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
3NWLFLV	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
3QCPDM	Identifiler® Plus, GlobalFiler™, Verifiler Plus; Investigator® 26plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	12,18,19
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	2	
3RRGEW	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

3RRJ62	PowerPlex® Fusion 5C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
3RZ6BJ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,12,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
3TJFTV	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
3U2JA9	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
3UUHFU	PowerPlex® Fusion (STRmix 2.7)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
3VD69A	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
3VU4L8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

42CA4Y	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
42ETBA	PowerPlex® Fusion 6C (STRmix v. 2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
44G8NL	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NT
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NT	NT	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NT	NT	2	
44PN3T	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
44ZE4X	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
47B6KE	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
47PW84	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10			2	

TABLE 2

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

Item 4e - STR Results

48ZQYW	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
4A6FYK	PowerPlex® Fusion 6c, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	2	
4A6HPP	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
4CA79L	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
4CDLLL	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
4CWEDJ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
4EHZ77	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

4EKL3L	Investigator® 24plex QS (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
4EZAWL	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
4FBNB3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
4NPZJE	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
4NVWKD	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
4RBQXP	GlobalFiler™ (STRmix)					
	12,13,13.2,14,18.3,19.3	16,17,20,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13,14	8,9,10,11,13
	13,15,16,18,19,20	10,11,13.2,14.2,16.2,17.2	29,30,31.2,32.2	13,14,15,16,17,18,19	X,Y	8,10,11
	19,20,21,24,25			18,18.2,19,26.2,27.2,28.2,31.2	6,7,8	8,10,11
	12,13,15,17,18,19	9,10			2	

TABLE 2

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

Item 4e - STR Results

4XFEMK	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
4YMUWC	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
4YTWWH	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
63LFD7	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
63N2AM	PowerPlex® 21 (STRmix)					
	13,14,19.3	17,21,22		17,18	12,13	12,18,19
4e	8,9,10	11,14,15		17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19					
66BLZY	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
68FDRC	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19	10				

TABLE 2

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

Item 4e - STR Results

69TXKL	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
6A29E4	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
6AK29M	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6D467K	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6D7RMX	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6EEV99	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
6HJCUJ	GlobalFiler™					
	13,14	[17],21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2,[17.2]	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10			2	

TABLE 2

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

Item 4e - STR Results

6K69AW	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
6K7A3A	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6LVCYX	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
6N4HHD	Investigator® 24plex Q,S					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
6NN9F6	PowerPlex® Fusion 6C					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25	11,12	7,8,[12]	19,[27.2,31.2]	[6],7,8	8,11
	13,[15,18],19	10	[17],20	16,[18]		
6PB7DA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6PWD2F	GlobalFiler™					
	13,14	21,22	11	17,18	12,13	-
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	-	-	19	7,8	8,11
	13,19	10	-	-	2	

TABLE 2

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

Item 4e - STR Results

6TG9WL	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6VGHPA	GlobalFiler™ (STRmix)					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	[17],18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	[8],11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10			2	
6VJFRJ	Investigator® 24plex QS (STRMix v2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
6XDZ6H	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3,19.3	16,17,21	11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,16,18,19	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	8,10,11
	19,20,21,25	11,12	7,8,12	19,26.2,27.2,30.2,31.2	6,7,8	8,10,11
	13,15,18,19	10	17,20	16,18		
6YLAT9	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
6YQP7A	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
6ZYLVK	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	[6],[7],[8]	8,11
	13,[15],[18],19	10			2	

TABLE 2

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

Item 4e - STR Results

732YVH	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
74XJH	PowerPlex® Fusion 6C (STRmix)					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10			2	
77XBAP	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	-
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	-	
78RM4A	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
7A389C	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,[9],[10]	11,14,[15]	13,[14]	[17],18	11,12,[13]	9,11,[13]
	13,16,19,20	11,14.2,[17.2]	30,[32.2]	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,15,18,19	10			2	
7AK8F9	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
7CT9PL	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

7FP2EB	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	2	
7FY92B	PowerPlex® Fusion 6C (STRmix)					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2	30,32.2	[14],15,[17],18	X,Y	[8],11
	[19],[20],21,25	11,[12]	7,[8],[12]	19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
7GJRKP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,21,22	11,11.3,12	17	12,13	
4e	8,9,10	11,14,15	13	18	11,12,13	9,11,13
	13,16,19	11,14.2,17.2	30,32.2	14,17	X,Y	8,11
	19,20,25	11,12	7,8,12	19,27.2,31.2	6	11
	15,18	10	17,20	16,18		
7MPQQ9	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
7TUTXP	GlobalFiler™ (STRmix used for Item 4sp)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
7U6VKN	GlobalFiler™ (STRmix)					
	13,14,19.3	16,17,21,22	10,11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,13,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	18,19,20,21,24,25			19,26.2,27.2,30.2,31.2	5,6,7,8	8,10,11
	13,15,18,19	10		2	2	
7X3UUX	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

7Y9TLM	Identifiler® Plus (STRmix v2.7)					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
822EB3	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
823DFW	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
82JJQF	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
88EYTA	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
899PYN	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
8AFVUJ	GlobalFiler™ (STRmix 2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

8ATXPB	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		[6],7,8	8,11
	[12],13,[15],[18],19	10				
8BTN47	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
8FZE7C	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
8GVYUC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
8JMX8A	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[30.2],[31.2]	6,7,8	8,11
	13,15,18,19	10			2	
8JNY39	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
8KV7E9	GlobalFiler™					
	13,14,19.3	17,[21],[22]	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,[14]	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

8MMA4A	GlobalFiler™					
4e	[Redacted]					
8NTWC9	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
8PTMR3	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
8T9BCZ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
8UML7Y	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
8VGCCD	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
93CREP	Investigator® 24plex QS (STRMIX)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

93ECA7	PowerPlex® Fusion 6C (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
4e	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
96EE8U	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
96J3GL	GlobalFiler™ (STRmix)					
	12,13,13.2,14,19.3	16,17,18,20,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13	8,9,10,11,13
	13,15,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,31.2,32.2	13,14,15,16,17,18,19	X,Y	8,10,11
	19,20,21,24,25			18,18.2,19,26.2,27.2,30.2,31.2,32.2	6,7,8	8,11
	12,13,15,18,19,20	9,10			2	
97CTMZ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
99HECK	GlobalFiler™ (STRmix)					
	12,13,13.2,14,18.3,19.3	16,17,21,22	10,11,11.3,12	16,17,18	11,12,13,14	
4e	8,9,10	10,11,13,14,15	12,13,14	16,17,18	11,12,13	9,10,11,12,13
	12,13,15,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,31.2,32.2	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20,21,24,25			18,18.2,19,26.2,27.2,30.2,31.2	6,7,8	8,10,11
	13,15,17,18,19	9,10			2	

TABLE 2

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

Item 4e - STR Results

99U8W2	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
9AC6HZ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
9AVEEG						
	13,14,19.3	17,21,22	11,11.3,12	17,18		
4e		11,14,15	13,14	17,18		9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	
	19,20,21,25			19,27.2,31.2	6,7,8	
	13,15,18,19				2	
9BQC4G	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10			2	
9DXLZK	PowerPlex® Fusion 6C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
9EN23F	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
9GNEG	GlobalFiler™ (STRmix 2.4)					
	13,14,19.3	17,21,22	10.3,11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,31,32.2	14,15,17,18	X,Y	8,10,11
	18,19,20,21,25			19,27.2,31.2	6,7,8	8,10,11
	13,14,15,17,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

9JEDVQ	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
9NB64N	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
9RXNDL	GlobalFiler™ (STRmix)					
	12,13,14,18.3,19.3	16,17,20,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13	9,10,11,12,13
	13,15,16,18,19,20	10,11,13.2,14.2,17.2	29,30,31.2,32.2	14,15,16,17,18,19	X,Y	8,10,11
	19,20,21,24,25,26			18,18.2,19,26.2,27.2,30.2,31.2	6,7,8	8,11
	12,13,15,17,18,19	9,10			2	
9TREJZ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
9V6E67	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	[11],14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10			2	
9V786Y	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
9VEV2L	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

A4HJV6	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
A6WWUZ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
A8HK7Z	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
A9W8NE	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
ABLAWN	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
ACCQGW	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ADCLGF	Identifiler® Plus (STRmix v2.7)					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					

TABLE 2

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

Item 4e - STR Results

AGA4K9	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
AH32QU	Investigator® 24plex (STRmix)					
	13,14,[19.3]	17,[21],[22]	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	[17],18	11,12,[13]	[9],11,[13]
	13,16,19,20	11,14.2,[17.2]	30,[32.2]	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,[27.2],[31.2]	6,[7],[8]	[8],11
	13,15,18,19	10				
AHGHR	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
AJUWFN	PowerPlex® Fusion 5C (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
AK42TC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
AKT7H7	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ALYP82	Investigator® 24plex QS					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25			19,19	7,8	8,11
	13,19	10				

TABLE 2

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

Item 4e - STR Results

AR4LTM	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
AUDBG6	PowerPlex® Fusion 5C					
	13,14,(19.3)	(17),21,22	11,11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,14	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(17.2)	30,32.2	(14),15,(17),18	X,Y	8,11
	(19),(20),21,25	11,11,(12)	7,8,(12)		(6),7,8	8,11
	13,(15),(18),19	10				
AV89XC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
AXDLL7	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
AYR4DP	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
AZJ83Q	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8,	8,11
	13,15,18,19	10			2	
AZLTX7	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

B4F2LD	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	10,11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,24,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
B4JMGT	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
B7AWDF	PowerPlex® 21					
	13,14,19.3	17,21,22		17,18	12,13	12,18,19
4e	8,9,10	11,14,15		17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19					
B7N88E	PowerPlex® Fusion 6c (strmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
B8KRUE	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
B9UW83	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
BCC2WY	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

BD7L9Y	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
BGHLU6	Investigator® 24plex QS					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10				
BJ8K2U	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
BJAKJN	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
BK4JA8	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
BRQZAD	PowerPlex® Fusion 6C (STRMIX 2.6)					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
BXAFRN	Investigator® 24plex					
	12,13,14,19.3	16,17,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13	9,10,11,13
	13,15,16,19,20	11,13.2,14.2,17.2	29,30,31.2,32.2	14,15,16,17,18	X,Y	8,10,11
	19,20,21,24,25			18,19,27.2,30.2,31.2	6,7,8	8,10,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

C78D76	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CBCBG4	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CC6C9D	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
CCMC43	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CCPZKG	PowerPlex® Fusion 5C (STRmix v 2.7)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
CEXWKD	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	13,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20,21,25	11,12	7,8,12	19,26.2,27.2,30.2,31.2	6,7,8	10,11
	14,15,17,18,19	10	17,20	16,18		
CJ6BKH	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

CKWRVW	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
CL9GB3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CMKH9H	GlobalFiler™ (STRmix v2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CTXUEB	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CTXV9A	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
CU69LG	PowerPlex® Fusion (STRmix v 2.7)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
CVFKAT	PowerPlex® 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

CVHTDR	PowerPlex® Fusion 6C					
	13,14	17,21,22	11,12	17,18	12,13	
4e	8,9,10	11,14	13,14	17,18	11,12,13	9,11,13
	16,19,20	11,14.2	30,32.2	15,17,18	X,Y	8,11
	20,21,25	11,12	7,8	19,31.2	6,7,8	8,11
	13,18,19	10	20	16		
CWW6AB	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
CX7DEP	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
CYEPU7	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
CZVRTR	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
D2NPXR	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
D3V8VM	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

D4842R	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
D4QRHM	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
D4VXBH	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
D62U87	Investigator® 24plex (STRmix V2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
D6GV8M	GlobalFiler™ (STRmix v 2.4)					
	14,19.3	16,17,21	10.3,11,11.3,12	16,17	11,12,13,14	
4e	7,8,9,10	13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,18,19	13.2,14.2,15.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20,21			27.2,31.2	5,6,7	8,10,11
	13,14,15,17,18,19	10			2	
D7GUQV	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
D8ARWG	PowerPlex® Fusion (STRMix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	15,17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	18,19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				

TABLE 2

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

Item 4e - STR Results

DAVN68	Investigator® 24plex (STRmix V2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
DBR9R8	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	N/A	
DDH7MT	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DDXEP2	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DECWT8	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
DF6UXT	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DFMPT2	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

DFR472	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DGYJD9	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,12,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
DH8MYJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
DJQF32	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DLRNT6	Investigator® 24plex QS					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	15,[17],18	X,Y	8,11
	[19],21,25			19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10				
DLV8UF	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
DPM39M	PowerPlex® Fusion 5C					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19	10				

TABLE 2

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

Item 4e - STR Results

DPP2XH	PowerPlex® Fusion 5C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
DPTTGC	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,10	11,14,[15]	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,[27.2],[30.2],[31.2]	6,7,8	8,11
	13,15,18,19	10			2	
DREYXG	GlobalFiler™ (STRmix 2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DRXDCY	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DTPA2R	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
DTTR94	GlobalFiler™					
	13,14,19.3	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,[13]	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,15,18,19	10			2	
DX6NZK	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

E4J6ED	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
E4QZED	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ECCFPA	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
EDEWC8	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
EDQKKL	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			18,19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
EDTHNV	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
EE7Y29	Investigator® 24plex QS (STRmix v2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

EHNCLW	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
EKF9AQ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10		2		
ELKR7D	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
EQFBUC	GlobalFiler™ (STRmix v2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10		2		
EQV3WL	GlobalFiler™ (STRmix 2.4)					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,12,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,10,11
	13,15,17,18,19	10		2		
ERDWWV	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
ETKGE4	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
	8,[9],[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19	10				

TABLE 2

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

Item 4e - STR Results

ETMYKF	PowerPlex® Fusion (STRmix)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
EU43N8	GlobalFiler™ (STRmix 2.9.1)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
EZKQTA	VeriFiler Plus					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	12,18,19
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19				2	
F4HPMY	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
FB2X64	GlobalFiler™ (Bullet Proof Sentry)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FBZDPB	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FDQZGJ	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

FEE84M	GlobalFiler™					
	13,14,19.3	17,[21],[22]	11,11.3,12	17,[18]	12,13	
4e	8,9,[10]	11,14,15	13,[14]	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,[32.2]	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,27.2,31.2	6,[7],[8]	[8],11
	13,15,18,19	10			2	
FFGAD7	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FGQAHD	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FJAAH2	PowerPlex® Fusion 5C					
	13,14,[15],[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		[6],7,8	8,11
	[12],13,[15],[18],19	10				
FJVXN3	Investigator® 24plex QS					
	13,14	17,21,22	11,11	17,18	12,13	
4e	8,9	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2	6,7,8	8,11
	13,15,18,19	10				
FKNRJL	Investigator® 24plex (STRMIX)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
FL2D82	PowerPlex® Fusion 6C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		

TABLE 2

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

Item 4e - STR Results

FN9RRE	GlobalFiler™ (STRMix)					
	12,13,14,18.3,19.3	16,17,20,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13	8,9,10,11,13
	12,13,15,16,18,19,20	10,11,13.2,14.2,16.2,17.2	29,30,31.2,32.2	14,15,16,17,18,19	X,Y	7,8,10,11
	19,20,21,24,25			18,18.2,19,20,26.2,27.2,30.2,31.2	6,7,8	8,10,11
	12,13,15,17,18,19	9,10			2	
FNNX6J	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FP9H7A	PowerPlex® Fusion					
	13,14,19.3	17,21,22	11,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	10				
FPZWYR	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
FRTJ2W	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
FUDFGA	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
FUFLQB	GlobalFiler™ (STRmix V2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

FV93TD	PowerPlex® Fusion 5C (STRmix 2.7)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
FVPCQK	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
FWKXDJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	10,11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
FWZYH8	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
FXLJJX	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
FYMVNC	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
G3M7JC	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

G4F4PX	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
G4F6RJ	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
G4G3UR	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
G693X6	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19	10				
G6VAF9	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	[10],11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
G7LHFC	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
G7MD3N	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

GDQAWM	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GF9N7N	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GFQPWX	PowerPlex® Fusion 6C					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
GHDLQC	GlobalFiler™ (STRmix 2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GHHTLX	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11^,12^	9,11,13
	13^,16,19,20	11,14.2,17.2^	30,32.2	14,15,17,18	X,Y	8,11
	19^,20^,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
GK4B4J	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	16,17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
GKMCQL	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

GLEB6J	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GMAVRJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
GPDVMA	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
GR8C7X	GlobalFiler™					
	13,14,19.3	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GV39PX	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
GXV8XU	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,12,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
H24T7Y	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	15,18	X,Y	8,11
	[19],21,25	11,[12]	7,8,[12]		[6],7,8	8,11
	13,19	10				

TABLE 2

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

Item 4e - STR Results

H2MR4X	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
H2NJHT	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
H2NXUM	PowerPlex® Fusion 6C (STRmix 2.6.3)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
H3YHEM	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
H63ZRW	PowerPlex® Fusion 5C					
	13,14,(19.3)	(17),21,22	11,11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,14	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(17.2)	30,32.2	(14),15,(17),18	X,Y	8,11
	(19),(20),21,25	11,11,(12)	7,8,(12)		(6),7,8	8,11
	13,(15),(18),19	10				
H8U4FX	PowerPlex® Fusion 6C					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	13,16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	[8],11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],18,19	10	[17],20	16,[18]		
H9T7H9	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

HERQDP	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HHWAKX	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,[18]	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,[32.2]	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HHYDX9	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HJ6QBF	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
HKWMYA	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HM4ZM4	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
HTC7GN	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

HUPT2N	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HVHVTX	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HVJK83	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
HWCHDN	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
HZUUXC	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
J26Y9E	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

J4DXUA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
J4RJ7W	GlobalFiler™ (STRmix v2.5)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
J6G4HU	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
JAFFKL	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
JAKECB	PowerPlex® 21 (STRmix)					
	13,14,[19.3]	21,22,[17]		17,18	12,13	12,18,[19]
4e	8,9,[10]	11,14,[15]		17,18	11,12,[13]	9,11,[13]
	16,20,[13,19]	11,14.2,[17.2]	30,32.2		X,Y	8,11
	21,25,[19,20]	11,11,[12]	7,8,[12]		7,8,[6]	8,11
	13,19,[15,18]					
JAWGGV	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
JAX8VQ	PowerPlex® Fusion 6C (STRmix 2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	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

JCLLEA	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
JNF6MD	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
JTWDBD	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
JUHB8H	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17,21,22	11,11.3,12	15,16,17,18	11,12,13	
4e	8,9,10	11,13,14,15,16	12,13,14	17,18	11,12,13	9,10,11,12,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20,25			19,27.2,31.2	5,6,7,8	8,10,11
	13,15,17,18,19	10			2	
JVWHTY	PowerPlex® Fusion 5C					
	13,14,(19.3)	(17),21,22	11,11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,14	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(17.2)	30,32.2	(14),15,(17),18	X,Y	8,11
	(19),(20),21,25,(26)	11,11,(12)	7,8,(12)		(6),7,8	8,11
	13,(15),(18),19	10				
JZ7X3M	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
JZBCQA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

K3RZLG	PowerPlex® Fusion C, GlobalFiler™ (LRmix Studio)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	2	
K6GD4Y	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
KCJ9EK	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
KDPZXK	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KDRKRF	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
KE34JJ	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	Not Tested
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18	Not Tested	
KFJKAJ	PowerPlex® Fusion 6C					
	13,14	[17],21,22	11	17,18	12,13	
4e	8,9	11,14,[15]	13,14	17,18	11,12	9,11,[13]
	16,[19],20	11,14.2	30,32.2	15,18	X,Y	8,11
	[20],21,25	11,[12]	7,8	19	[6],7,8	8,11
	13,[15],19	10	20	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

KFJNH2	Investigator® 24plex QS					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	[11],14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10				
KGUZ8D	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KHJWMB	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KJHXT3	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
KKDL2Q	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
KPR6J8	GlobalFiler™ (STRMix v2.9)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KRENK6	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	

TABLE 2

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

Item 4e - STR Results

KT6WJ9	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	7,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2,33.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
KTNTZE	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
KUEFBC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KVRFK7	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KW4EHZ	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	N/A	
L2GFER	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
L3DYBR	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	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 4e - STR Results

L3VMU8	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
L4K876	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
L8KJ36	PowerPlex® Fusion (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
L9ZQFZ	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25			19,[27.2,31.2]	6,7,8	8,11
	13,[15,18],19	10			2	
LBHV4W	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
LCX49Q	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
LD6NQY	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8		[6],7,8	8,11
	13,[15],[18],19	10				

TABLE 2

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

Item 4e - STR Results

LE2ZPD	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
LE4LCV	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
LEFGUE	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	10,11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
LGBXC3	Investigator® 24plex QS (STRMix)					
	12,13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	10,11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
LHYF89	PowerPlex® Fusion (STRMIX)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
LJXPAQ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	2	
LKA8PP	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

LR79G4	Investigator® 24plex QS (strmix)					
	12,13,14,19.3	17,21,22	10,11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	16,17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
LRM8U2	PowerPlex® Fusion 6C, Sig Prep B					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
LT66FY	PowerPlex® Fusion 6C (STRmix)					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
LTHU9Q	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
LUA42R	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
LUZRT3	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25			19,[27.2,30.2,31.2]	6,7,8	8,11
	13,[15,18],19	10			2	
LWZ8QR	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

LZFNZW	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	[8],11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10			2	
M36BE7	Investigator® 24plex (Strmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
M42RJF	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
M6TQYY	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
M76JHF	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
M8DQNU	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2], {30.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
MBZ97E	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

MCQCUF	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
MCRH22	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
MEYHH2	Investigator® 24plex QS (STRmix v2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
MFD39Q	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
MJ833T	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
ML2MER	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
MLHYUC	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

MLY2FQ	PowerPlex® Fusion 6C (STRmix 2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
MMCJN3	GlobalFiler™ (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
MP4FCW	PowerPlex® Fusion 6C (STRmix 2.6)					
	13,14,(19.3)	17,21,22	11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,(14)	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(16.2),(17.2)	30,32.2	(14),15,(17),18	X,Y	8,11
	(19),20,21,25	11,(12)	7,8,(12)	19,(27.2),(31.2)	6,7,8	8,11
	13,(15),(18),19	10	(17),20	16,(18)		
MRAYJ6	Investigator® 24plex QS					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
MUQFHC	Investigator® 24plex QS (STRmix for "4 sp" fraction only)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
MUUXNM	PowerPlex® Fusion 6C (STRmix)					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,[18]	12,13	
4e	8,[9,10]	11,14,[15]	13,[14]	17,18	11,12,[13]	[9],11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	[8],11
	[19,20],21,25	11,[12]	7,8,[12]	19,[27.2,31.2]	6,7,8	[8],11
	13,15,18,19	10	[17],20	16,[18]		
MXQQDC	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	15,17,18	X,Y	8,11
	19,20,21,25			19,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

MZCEPC	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
MZFB8G	PowerPlex® Fusion 6C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	not tested
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]	not tested	
N63BR8	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
N6BWYP	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	2	
N98UXF	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
NBDBDY	PowerPlex® Fusion 6C					
4e						
NBWUKR	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

NDJHWR	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,[14]	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,[7],[8]	8,11
	13,15,18,19	10			2	
NDZD3E	PowerPlex® Fusion 6C					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,[9]	11,14,[15]	13,[14]	17,18	11,12,[13]	[9],11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	[6],7,8	[8],11
	13,[15],[18],19	10	[17],20	16,[18]		
NETU7F	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
NHUAR6	GlobalFiler™ (STRmix v 2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	-
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	-	-	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	-	-	2	
NLCZ3M	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
NLWPG2	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,[30.2],31.2	6,7,8	8,11
	13,15,18,19	10			2	
NM4VRG	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

NMMT4G	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
NNNGT8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
NPVZC2	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25			19,[27.2],31.2	6,7,8	8,11
	13,[15,18],19	10			2	
NQM4YG	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
P4NE8H	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
P6JU4R	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,[8]	[8],11
	13,[15],[18],19	10			2	
PBQBKT	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

PC2XGL	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
PDGB23	Identifiler® Plus, MiniFiler (STRmix v2.7)					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
PEM2Q6	PowerPlex® Fusion (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
PGJ4AF	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
PH497R	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,[8]	8,11
	13,[15],[18],19	10			2	
PHACAJ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
PMFACV	Investigator® 24plex QS, FlexPlex27					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	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 4e - STR Results

PNEBHM	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
PRWLJX	GlobalFiler™ (STRMIX)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
PTA3QK	PowerPlex® Fusion 6C (STRmix 2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
PV4L3J	PowerPlex® Fusion 6C (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
PW8J3E	GlobalFiler™ (STRmix (version 2.7.0))					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
PWB2AP	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	20	16		
PZ4CUN	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2], {30.2],[31.2}	6,7,8	8,11
	13,[15],[18],19	10			2	

TABLE 2

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

Item 4e - STR Results

Q3R4JY	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
Q6LMVY	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
Q6X3KE	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
Q7B3WU	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
QCGRGM	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
QCWXUR	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19	10				
QD9V6N	PowerPlex® Fusion, GlobalFiler™ (Genemapper ID-X1.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

QDW46J	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
QENZUD	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
QFGZKX	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
QGE2Y2	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
QGM CER	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19	10				
QHN3TM	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
QL282G	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

QNBYKJ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
QPNHJV	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
QVBKAX	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
QYCHQR	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[16.2],[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		[6],7,8	8,11
	[12],13,[15],[18],19	10				
QZ4LFT	PowerPlex® Fusion 5C					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19	10				
R2GCJV	PowerPlex® Fusion 6C (STRMix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	8,10,11
	19,20,21,25	11,12	7,8,11,12	19,27.2,30.2,31.2	6,7,8	8,10,11
	13,14,15,17,18,19	10	17,20	16,18		
R2XPKD	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],12	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25			19,[27.2,31.2]	[6],7,8	8,11
	13,[15],18,19	10			2	

TABLE 2

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

Item 4e - STR Results

R3CW7V	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
R3PLA8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
R6CNW2	GlobalFiler™ (STRmix V2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	-
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	-	-	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	-	-	2	
R6K83Y	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
R8GUGU	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	[11],12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	[8],11
	19,[20],21,25			19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],18,19	10			2	
RAAK4L	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
RDP4W4	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

RF3L72	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
RFWQ62	PowerPlex® Fusion (STRMix)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
RG7QA9	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
RGNMUV	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
RJDYLE	PowerPlex® Fusion 6C (STRMIX)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
RJGD72	Investigator® 24plex (STRmix)					
	13,14,19.3	16,17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
RQVE8W	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

RTHY9U	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
RTZXCJ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
RUA4EL	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
RXXEND	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
RYMT8W	Investigator® 24plex QS (STRmix V2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
RYQBD8	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
RZ7GTW	Investigator® 24plex QS (STRmix v.2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

RZHDUV	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
T33P77	Investigator® 24plex QS (STRmix)					
	13,14,19.3	16,17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	10,11,13,14,15	12,13,14	16,17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,10,11
	13,15,18,19	10				
T6DHB7	Investigator® 24plex QS (TrueAllele)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
TEC8XA	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
TGZBF2	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
TH2BVM	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NR
4e	8,9,10	11,14,15	13,14	17,18	11,12	9,11,13
	13^,16,19^,20	11,14.2,17.2^	30,32.2	14,15,17,18	X,Y	8,11
	19^,20^,21,25	11,12	7,8,12^	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16	NR	
TLCTMN	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

TPKPNK	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
TPRTUB	PowerPlex® Fusion 6C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10	[17],20	16,[18]		
TR8DZK	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
TVMV9N	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
TWDYXP	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	[9],11,[13]
	16,20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	[8],11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
U6R7AC	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
U9M6CN	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

UAE8Y4	PowerPlex® Fusion 5C					
	[13],14,[19.3]	17,[21,22]	11,[11.3,12]	17,[18]	12,13	
4e	8,[9,10]	[11],14,15	13,[14]	[17],18	[11],12,[13]	[9],11,[13]
	13,16,19,20	[11],14.2,[17.2]	30,[32.2]	14,15,17,18	X,Y	[8],11
	19,20,21,25	11,12	7,[8,12]		6,[7,8]	[8],11
	[13],15,18,19	10				
UAF3HA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UAYNGR	Investigator® 24plex QS					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,[18]	12,13	n/a
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	n/a	n/a	19,[27.2],[31.2]	[6],7,8	[8],11
	13,[15],[18],19	10	n/a	n/a	n/a	
UCK3R3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UFAN3J	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
UHG4BB	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UJ27PA	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

UJP8UZ	PowerPlex® Fusion (STRmix v2.7)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
UK2JJC	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ULVQ29	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9	11,14,15	13,14	17,18	11,12	9,11,13
	13,16,19,20	11,14.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19	6,7,8	8,11
	13,19	10	17,20	16,18		
UNYHTM	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,[14]	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UPDXBU	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UR3DDP	Investigator® 24plex QS (STRmix)					
	12,13,14	17,21,22	11	16,17,18	11,12,13	
4e	8,9	11,13,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			18,19,27.2	6,7,8	8,11
	13,15,18,19	10				
URXYZN	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

UTD6JK	GlobalFiler™ (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UU3LGZ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
UVHLZP	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
UWQ7HX	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
UYJPUW	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
UZWGKT	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
V2JGXU	Investigator® 24plex QS (STRmix)					
	12,13,14,19.3	17,20,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

V3BKLU	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
V3HGMU	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
V94FR9	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VC3YPZ	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
VC6L8E	PowerPlex® Fusion 6C (STRmix v.2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
VDVWVL	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19	10				
VDXJDZ	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

VE74AV	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VFZHNT	VeriFiler Plus					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	12,18,[19]
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19				2	
VGCAM2	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VGEJG2	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VGUBJC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,[14]	[17],18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	[8],11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VJJEFP	GlobalFiler™ (BP Sentry)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VJMUVB	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

VJW73E	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
VJZQXU	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
VLEVVX	Identifiler® Plus (STRmix 2.7)					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
VM66UZ	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
VMHQCP	GlobalFiler™ (Bulletproof Sentry)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VMZY36	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
VNEA8P	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25	11,12	7,8,12	19,27.2,30.2,31.2	6,7,8	8,10,11
	13,15,17,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

VPKX8M	PowerPlex® Fusion 6C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	[11],14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]	19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10	[17],20	16,[18]		
VQ77WJ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VWP63C	PowerPlex® 16 (DNA Statistx)					
				17,18	12,13	
4e	8,9,[10]	11,14,[15]			11,12,[13]	9,11,[12],[13]
	[13],16,[19],20		30,32.2		X,Y	8,11
	[19],[20],21,[23],[24],25	11,11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19					
VXLYY3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
VZ9HZZ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	16,17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
VZNWAW	Investigator® 24plex QS (STRmix V2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
W4MGRY	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

W8PDJE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
W9HBPZ	PowerPlex® Fusion (strmix v2.7)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
WB9LQE	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
WD7MB4	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
WDRML2	Investigator® 24plex (STRmix)					
	13,14,19.3	17,20,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	10,11,13,14,15	12,13,14	17,18	10,11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
WFYXJQ	Investigator® 24plex QS (STRmix v2.4)					
	12,13,14,19.3	16,17,20,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	10,11,13,14,15	12,13,14	16,17,18	10,11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
WGTQE9	GlobalFiler™ (STRmix™)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

WHLGKN	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
WHTGWP	PowerPlex® Fusion 6c (STRmix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,16,18,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20,21,25	11,12	7,8,12	19,26.2,27.2,30.2,31.2	6	8,10,11
	13,14,15,17,18,19	10	17,20	16,18		
WKUM8P	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
WME3GC	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
WMLJVJ	PowerPlex® Fusion 6C (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
WP7LB3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
WP988J	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,11.3,[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	19,[20],21,25			19,27.2,[31.2]	6,7,8	8,11
	13,15,[18],19	10			2	

TABLE 2

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

Item 4e - STR Results

WPYJGN	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,[12]	7,8,[12]		6,7,8	8,11
	13,[15],[18],19	10				
WRRCP	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
WVTEM3	PowerPlex® Fusion 5C					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,[14]	17,18	11,12,[13]	[9],11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	[8],11
	[19,20],21,25	11,[12]	7,8,[12]		6,7,8	8,11
	13,[15,18],19	10				
WXDTZX	GlobalFiler™ (STRmix 2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,12,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
WXECXE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
WZ8VAD	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
WZR6Q	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

X2U2Y3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
X3PLL3	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,13,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
X9E2EF	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
XD7D8Q	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XJ9KMT	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XL34YT	Investigator® 24plex QS (STRmix)					
	13,14,19.3	16,17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	12,13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	29,30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
XLHMJQ	Investigator® 24plex QS (STRmix v2.4)					
	12,13,14,19.3	16,17,20,21,22	11,11.3,12	16,17,18	11,12,13	
4e	7,8,9,10	10,11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,13.2,14.2,17.2	29,30,31.2,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,24,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

XLK9F7	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XMV7FG	PowerPlex® Fusion 5C					
	13,14,(19.3)	(17),21,22	11,11,(11.3),(12)	17,18	12,13	
4e	8,9,(10)	11,14,(15)	13,14	17,18	11,12,(13)	9,11,(13)
	(13),16,(19),20	11,14.2,(17.2)	30,32.2	(14),15,(17),18	X,Y	8,11
	(19),(20),21,25	11,11,(12)	7,8,(12)		6,7,8	8,11
	13,(15),(18),19	10				
XXMNLR	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	16,17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
XN4BVQ	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XNM34B	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XQGRJP	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XT2QN8	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

XTX9KG	PowerPlex® Fusion, GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XUDPK2	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,16.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,30.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
XV874Q	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19,20],21,25			19,[27.2,31.2]	6,7,8	8,11
	13,[15,18],19	10			2	
XVCLGQ	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3,19.3	17,21,22	11,11.3,12	16,17,18	11,12,13	
4e	8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	13,16,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	14,15,16,17,18	X,Y	8,10,11
	19,20,21,25	11,12	7,8,12	19,26.2,27.2,30.2,31.2	6	8,11
	13,15,18,19	10	17,20	16,18		
Y3MJ8H	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
Y4XVWT	GlobalFiler™ (STRmix v. 2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
Y696Z6	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,[10]	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,[27.2,31.2]	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

Y6BM7G	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3,12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,13
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	19,[20],21,25			19,[27.2,31.2]	6,7,8	8,11
	13,15,[18],19	10			2	
Y7LPTE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
Y8DTGF	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13^	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
Y8TPUU	GlobalFiler™ (STRmix version 2.4)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YANJYW	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
YB3XGE	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YC9WHU	GlobalFiler™ (STRmix v2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

YG4NN7	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YGX2YH	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YHGWUQ	GlobalFiler™					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	6,7,8	8,11
	13,[15],[18],19	10			2	
YHXZHQ	Investigator® 24plex					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
YJRN2L	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YPXW9W	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YQ97C9	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

YQAZ6E	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	N/A
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	N/A	N/A	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	N/A	N/A	2	
YQT3K2	Investigator® 24plex (STRmix)					
	12,13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	12,13,14	16,17,18	11,12,13	9,10,11,12,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,10,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,10,11
	13,15,18,19	10				
YTH26R	Investigator® 24plex QS (STRmix v2.4.06)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,16,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
YUEMRQ	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
YUQJWV	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,13.2,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
YW2AED	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12,13	9,11
	13,16,19,20	11,14.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	20	16		
YWHFLP	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

YXAH96	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YYHRYG	PowerPlex® Fusion 5C					
	13,14,18.3,19.3	17,21,22	11,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,24,25	11,12	7,8,12		6,7,8	8,11
	13,18,19	10				
YYNQQ7	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
YZAVMH	GlobalFiler™					
	13,14,[19.3]	[17],21,22	11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25			19,[27.2],[31.2]	[6],7,8	8,11
	13,[15],[18],19	10			2	
Z2A2U4	PowerPlex® Fusion 6C					
	13,14	[17],21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	[14],15,[17],18	X,Y	8,11
	21,25	11	7,8	19,[27.2],[31.2]	7,8	8,11
	13,[15],19	10	20	16		
Z4B6J6	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
Z66VPK	Investigator® 24plex (STRmix)					
	13,14,19.3	17,22	11,11.3,12	17	12,13	
4e	8,10	14,15	13,14	17,18	11,12,13	11,13
	13,19	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20,25			19,27.2,31.2	6,7	11
	13,15,18,19	10				

TABLE 2

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

Item 4e - STR Results

Z67UJR	PowerPlex® Fusion (STRmix v2.7)					
	13,14	21,22	11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11	7,8		7,8	8,11
	13,19	INC				
Z97WR3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ZCKGTW	PowerPlex® Fusion, GlobalFiler™ (Genmapper)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ZFQ4KT	Identifiler® Plus (STRmix 2.7.0)					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
ZLQN8W	PowerPlex® Fusion 5C (STRMix 2.7)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19	INC				
ZM4XK3	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
ZNXFA6	PowerPlex® Fusion 6C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4e - STR Results

ZPAFJY	Identifiler® Plus					
		17,21,22		17,18	12,13	
4e	8,9,10	11,14,15			11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25				6,7,8	8,11
	13,15,18,19					
ZPDXPA	PowerPlex® Fusion 6C (STRmix v2.8)					
	13,14	21,22	11,11	17,18	12,13	
4e	8,9	11,14	13,14	17,18	11,12	9,11
	16,20	11,14.2	30,32.2	15,18	X,Y	8,11
	21,25	11,11	7,8	19,19	7,8	8,11
	13,19	10	20	16		
ZR2C9T	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
ZTAM6W	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
ZU3KBH	PowerPlex® Fusion 5C					
	13,14,[19.3]	[17],21,22	11,11,[11.3],[12]	17,18	12,13	
4e	8,9,[10]	11,14,[15]	13,14	17,18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[31.2],32.2	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	11,11,[12]	7,8,[12]		[6],7,8	8,11
	13,[15],[18],19	10				
ZUUCGP	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		
ZXP7EQ	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4e - STR Results

ZYZY7K	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	11,12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,10,11,13
	13,16,19,20	11,14.2, 17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2, 31.2	6,7,8	8,11
	13,15,18,19	10				
ZZA73K	Investigator® 24plex QS, FLEX PLEX 27					
	13,14,[19.3]	17,21,22	11,[11.3],[12]	17,[18]	12,13	N/A
4e	8,9,[10]	11,14,[15]	13,[14]	[17],18	11,12,[13]	9,11,[13]
	[13],16,[19],20	11,14.2,[17.2]	30,[32.2]	[14],15,[17],18	X,Y	8,11
	[19],[20],21,25	N/A	N/A	19,[27.2],[31.2]	6,7,8	[8],11
	13,[15],[18],19	10	N/A	N/A	N/A	
ZZVKTJ	PowerPlex® Fusion 6C, Signature Prep Primer Set B					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4e	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4sp - STR Results

22JBHU	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
23HL4P	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
24CCA4	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
24QN43	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
264CDG	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
26KEAG	Investigator® 24plex (STRmix)					
	13,14,19.3	17,22	11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
27BEUT	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

27WBEL	Investigator® 24plex (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
29JUFJ	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	n/a
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	n/a	n/a	27.2,31.2	6,6	11,11
	15,18	10	n/a	n/a	n/a	
2A3PBR	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
2E8DZM	Investigator® 24plex (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
2GYGPM	Verifiler Plus					
	14,19.3	17	[11],11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	[9],11,13
	13,19	14.2,17.2	30,[32.2]	14,17	X,Y	[8],11
	19,20	12	7,12		6	[8],11
	15,18,[19]				2	
2MGJG6	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
2MHUA9	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

2NHMFT	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
2P9VFW	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
2PCDL8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
2QMF97	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
2W8MHX	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
2WNLTB	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
2XNJ CJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,21			19,27.2,31.2	6,7	8,11
	13,15,18,19	10				

TABLE 2

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

Item 4sp - STR Results

2YGHH6	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
2YWZZG	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
2YXNP8	Investigator® 24plex (STRmix)					
	14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19,20	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	8,11
	15,18,19	10				
37F8T8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	19,27.2,31.2	6	11
	15,18	10	17,20	18		
37PZ4U	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30	14,17,18	X,Y	11
	19,20			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
38L4MA	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			[19],27.2,31.2	6	11
	15,18	10			2	
3JG9XV	GlobalFiler™ (STRmix)					
	14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	11,12,13	11,13
	13,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20,21			27.2,31.2	6	11
	15,18,19	10			2	

TABLE 2

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

Item 4sp - STR Results

3JJTUB	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
3JZBT7	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
3L4WAV	PowerPlex® Fusion 5C					
	14,19.3	17	[11,11.3],12	17	12,13	
4sp	[8],10	14,15	13	18	[11],12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,[12]		6	11
	15,18	10				
3MFC4W	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
3NWLFLV	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
3QCPDM	Identifiler® Plus, GlobalFiler™, Verifiler Plus; Investigator® 26plex					
	14,19.3	17	11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18	2	
3RRGEW	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

3RRJ62	PowerPlex® Fusion 5C					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,12		6,7,8	8,11
	13,15,18,19	10				
3RZ6BJ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
3TJFTV	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
3U2JA9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
3UUHFU	PowerPlex® Fusion (STRmix 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
3VD69A	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
3VU4L8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

42CA4Y	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
42ETBA	PowerPlex® Fusion 6C (STRmix v. 2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
44G8NL	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	NT
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	NT	NT	27.2,31.2	6,6	11,11
	15,18	10	NT	NT	2	
44PN3T	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
44ZE4X	Investigator® 24plex (STRMix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,19,20	14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,25			19,27.2,31.2	6,7	8,11
	13,15,18	10				
47B6KE	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
47PW84	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	[18]	12,13	11,13
	13,19	14.2,17.2	[30]	14,17	X,Y	[11]
	19,20			27.2,31.2	6,6	[11]
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

48ZQYW	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	11,13
	13,16,19	11,14.2,17.2	30	14,15,17,18	X,Y	11
	19,20			19,27.2,31.2	6,7	11
	15,18	10				
4A6FYK	PowerPlex® Fusion 6c, GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18	2	
4A6HPP	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
4CA79L	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,25			19,27.2,31.2	6,7,8	11
	15,18,19	10				
4CDLLL	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
4CWEDJ	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
4EHZ77	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

4EKL3L	Investigator® 24plex QS (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
4EZAWL	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
4FBNB3	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
4NPZJE	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
4NVWKD	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	NA
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	NA	NA	27.2,31.2	6,6	11,11
	15,18	10	NA	NA	2	
4RBQXP	GlobalFiler™ (STRmix)					
	13,13.2,14,18.3,19.1,19.3	16,17,21,22	11,11.3,12	15,16,17,18	11,12,13	
4sp	7,8,9,10	13,14,15,16	11,12,13,14	16.3,17,18	11,12,13,14	10,11,12,13
	12,13,14,18,19,20	13.2,14.2,16.2,17.2	29,30,31	13,14,15,16,17,18	X,Y	8,10,11,12
	18,19,20,21,25			19,26.2,27,27.2,28.2,30.2,31,31.2,32.2	5,6	10,11
	14,15,17,18	9,10			2	
4XFEMK	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

4YMUWC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
4YTWWH	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
63LFD7	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
63N2AM	PowerPlex® 21 (STRmix)					
	13,14,19.3	17,21,22		17,18	12,13	12,18,19
4sp	8,9,10	11,14,15		17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20,21,25	11,12	7,8,12		6,7,8	8,11
	13,15,18,19					
66BLZY	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
68FDRC	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13,[14]	11,13
	13,[18],19	14.2,[16.2],17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
69TXKL	Investigator® 24plex					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

6A29E4	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
6AK29M	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
6D467K	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
6D7RMX	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
6EEV99	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
6HJCUJ	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
6K69AW	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	11
	19,20,21			19,27.2,31.2	6,8	11
	13,15,18	10				

TABLE 2

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

Item 4sp - STR Results

6K7A3A	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
6LVCYX	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
6N4HHD	Investigator® 24plex Q,S					
	14,19.3	17,22	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,16,19,20	14.2,17.2	30	14,17,18	X,Y	11
	19,20,25			27.2,31.2	6	11
	15,18	10				
6NN9F6	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
6PB7DA	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
6PWD2F	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	-
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	-	-	27.2,31.2	6	11
	15,18	10	-	-	2	
6TG9WL	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

6VGHPA	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
6VJFRJ	Investigator® 24plex QS (STRMix v2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
6XDZ6H	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
6YLAT9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
6YQP7A	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
6ZYLVK	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	[18]	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
732YVH	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

74XJJH	PowerPlex® Fusion 6C					
4sp	14,19.3	17,17	11.3,12	17,17	12,13	
	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
77XBAP	PowerPlex® Fusion 6C					
4sp	14,19.3	17	11.3,12	17	12,13	-
	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18	-	
78RM4A	PowerPlex® Fusion 6C (STRmix)					
4sp	14,19.3	17	11.3,12	17	12,13	
	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
7A389C	GlobalFiler™					
4sp	14,19.3	17,17	11.3,12	17,17	12,13	
	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
7AK8F9	PowerPlex® Fusion 6C (STRmix)					
4sp	14,19.3	17	11.3,12	17	12,13	
	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
7CT9PL	GlobalFiler™ (STRmix)					
4sp	14,19.3	17,17	11.3,12	17,17	12,13	
	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
7FP2EB	GlobalFiler™					
4sp	14,19.3	17	11,11.3,12	17	12,13	N/A
	8,9,10	14,15	13	18	11,12,13	11,13
	13,19	14.2,17.2	30,32.2	14,15,17	X,Y	11
	19,20,25	N/A	N/A	19,27.2,31.2	6	11
	13,15,18	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 4sp - STR Results

7FY92B	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
7GJRKP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
7MPQQ9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
7TUTXP	GlobalFiler™ (STRmix used for Item 4sp)					
	13,14,18.3,19.3	16,17	10.3,11,11.3,12	16,17,18	11,12,13	
4sp	7,8,9,10	13,14,15	12,13	17,18	11,12,13	10,11,12,13
	12,13,18,19	13.2,14.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	10,11
	18,19,20			26.2,27.2,30.2,31.2	5,6	10,11
	14,15,17,18	10			2	
7U6VKN	GlobalFiler™ (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17	11,12,13	
4sp	8,9,10	13,14,15	12,13	17,18	11,12,13	10,11,12,13
	12,13,18,19	13.2,14.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	10,11
	18,19,20			26.2,27.2,30.2,31.2	5,6	10,11
	14,15,17,18	10			2	
7X3UUX	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
7Y9TLM	Identifiler® Plus (STRmix v2.7)					
		17,22		17,17	12,13	
4sp	8,10	11,14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,8	11,11
	15,18					

TABLE 2

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

Item 4sp - STR Results

822EB3	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
823DFW	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
82JJQF	Investigator® 24plex					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
88EYTA	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
899PYN	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
8AFVUJ	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19,20	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8ATXPB	PowerPlex® Fusion 5C					
	14,[18.3],19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13,[14]	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

8BTN47	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
8FZE7C	Investigator® 24plex QS					
	14,19.3	17,22	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
8GVYUC	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8JMX8A	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8JNY39	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
8KV7E9	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8MMA4A	GlobalFiler™					
4sp						

TABLE 2

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

Item 4sp - STR Results

8NTWC9	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8PTMR3	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
8T9BCZ	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
8UML7Y	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
8VGCCD	Investigator® 24plex (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
93CREP	Investigator® 24plex QS (STRMIX)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
93ECA7	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

94PAL3	GlobalFiler™					
	NT	NT	NT	NT	NT	
4sp	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT
	NT			NT	NT	NT
	NT	NT			NT	
96EE8U	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
96J3GL	GlobalFiler™ (STRmix)					
	13,13.2,14,18.3,19.3,20.3	16,17	11,11.3,12	16,17,18	11,12,13	
4sp	7,8,9,10	13,14,15	12,13	17,18	11,12,13	9,10,11,12,13,14
	12,13,16,18,19	11,13.2,14.2,15.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	8,10,11,12
	18,19,20,21,25			26.2,27,27.2,28.2,30.2,31,31.2	5,6,7	10,11
	13,14,15,17,18	9,10			2	
97CTMZ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
99HECK	GlobalFiler™ (STRmix)					
	13,14,18.3,19.3	16,17,22	11,11.3,12	16,17,18	11,12,13	
4sp	8,9,10	13,14,15	12,13	17,18	11,12,13	9,10,11,12,13
	12,13,18,19,20	13.2,14.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	8,10,11,12
	18,19,20,21			19,26.2,27.2,28.2,30.2,31.2	6	10,11
	14,15,17,18,19	9,10			2	
99U8W2	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

9AC6HZ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
9AVEEG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17		
4sp		14,15	13	18		11,13
	13,19	14.2,17.2	30	14,17	X,Y	
	19,20			27.2,31.2	6	
	15,18				2	
9BQC4G	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
9DXLZK	PowerPlex® Fusion 6C					
	14,19.3	17,[21],[22]	[11],11.3,12	17,17	12,13	
4sp	8,10	[11],14,15	13,[14]	18,18	[11],12,13	[9],11,13
	13,[16],19	[11],14.2,17.2	30,[32.2]	14,17,[18]	X,Y	11,11
	19,20,[21]	12,12	7,[8],12	[19],27.2,31.2	6,[7]	[8],11
	[13],15,18	10	17,[20]	[16],18		
9EN23F	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30,32.2	14,17	X,Y	11
	19,20			27.2,31.2	6	8,11
	15,18,19	10				
9GNEGT	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
9JEDVQ	GlobalFiler™ (STRmix)					
	14,19.3	17,21	11.3,12	17	12,13	
4sp	8,10	11,14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17,18	X,Y	11
	19,20			19,27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

9NB64N	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
9RXNDL	GlobalFiler™ (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17,18	11,12,13	
4sp	8,9,10	13,14,15	12,13	17,17.3,18	11,12,13,14	9,10,11,12,13
	12,13,14,18,19,20	13.2,14.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	8,10,11
	18,19,20			19,26.2,27,27.2,30.2,31,31.2	5,6,8	10,11
	14,15,17,18	9,10			2	
9TREJZ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
9V6E67	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
9V786Y	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
9VEV2L	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
A4HJV6	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

A6WWUZ	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
A8HK7Z	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
A9W8NE	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ABLAWN	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
ACCQGW	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ADCLGF	Identifiler® Plus (STRmix v2.7)					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
AGA4K9	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20			19,27.2,31.2	6,8	11
	15,18,19	10				

TABLE 2

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

Item 4sp - STR Results

AH32QU	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
AHGHR	Investigator® 24plex					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
AJUWFN	PowerPlex® Fusion 5C (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
AK42TC	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
AKT7H7	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ALYP82	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
AR4LTM	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

AUDBG6	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
AV89XC	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20		27.2,[28.2],31.2,[32.2]		6	11
	15,18	10			2	
AXDLL7	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20		27.2,31.2		6,6	11,11
	15,18	10			2	
AYR4DP	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,17,18	X,Y	11
	19,20		27.2,31.2		6	11
	15,18,19	10				
AZJ83Q	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20		27.2,31.2		6	11
	15,18	10			2	
AZLTX7	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
B4F2LD	Investigator® 24plex QS (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20		27.2,31.2		6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

B4JMGT	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
B7AWDF	PowerPlex® 21					
	13,14,19.3	17,21,22		17,18	12,13	12,18,19
4sp	8,9,10	11,14,15		17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2		X,Y	8,11
	19,20	11,12	7,8,12		6,7,8	8,11
	13,15,18,19					
B7N88E	PowerPlex® Fusion 6c (strmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
B8KRUE	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	[18]	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
B9UW83	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
BCC2WY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
BD7L9Y	PowerPlex® Fusion 6C (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	11,12	7,8,12	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	17,20	16,18		

TABLE 2

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

Item 4sp - STR Results

BGHLU6	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
BJ8K2U	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
BJAKJN	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
BK4JA8	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	11,14.2,17.2	30	14,15,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
BRQZAD	PowerPlex® Fusion 6C (STRMIX 2.6)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
BXAFRN	Investigator® 24plex					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
C78D76	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

CBCBG4	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
CC6C9D	Investigator® 24plex QS (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
CCMC43	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
CCPZKG	PowerPlex® Fusion 5C (STRmix v 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
CEXWKD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
CJ6BKH	GlobalFiler™ (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17	11,12,13	
4sp	7,8,9,10	13,14,15	12,13	17,18	11,12,13	10,11,12,13
	12,13,18,19	13.2,14.2,16.2,17.2	29,30	13,14,16,17,18	X,Y	10,11,12
	18,19,20			26.2,27.2,30.2,31.2	6	10,11
	14,15,17,18	10			2	
CKWRVW	Investigator® 24plex (STRmix)					
	14,19.3	17,21,22	11,11.3,12	17	12,13	
4sp	8,9,10	14,15	13	18	11,12,13	9,11,13
	13,19,20	11,14.2,17.2	30	14,17,18	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

CL9GB3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,22	11.3,12	17	12,13	
4sp	8,9,10	14,15	13	18	12,13	11,13
	13,19,20	14.2,17.2	30	14,17	X,Y	11
	19,20			19,27.2,31.2	6	11
	15,18	10			2	
CMKH9H	GlobalFiler™ (STRmix v2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
CTXUEB	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
CTXV9A	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
CU69LG	PowerPlex® Fusion (STRmix v 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
CVFKAT	PowerPlex® 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
CVHTDR	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

CWW6AB	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
CX7DEP	Investigator® 24plex (STRMix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20			27.2,31.2	6,7	11
	15,18	10				
CYEPU7	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
CZVRTR	GlobalFiler™ (STRmix)					
	14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,10	11,14,15	13,14	18	11,12,13	11,13
	13,19,20	11,14.2,17.2	30,31	14,17,18	X,Y	8,11
	19,20,21			19,27.2,31.2	6	11
	15,18,19	10			2	
D2NPXR	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
D3V8VM	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
D4842R	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

D4QRHM	Investigator® 24plex (STRmix)					
	13,14,19.3	17,22	11,11.3,12	17	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
D4VXBH	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
D62U87	Investigator® 24plex (STRmix V2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
D6GV8M	GlobalFiler™ (STRmix v 2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
D7GUQV	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17	X,Y	8,11
	19,20,25			19,27.2,31.2	6	11
	15,18,19	10				
D8ARWG	PowerPlex® Fusion (STRMix)					
	14,17.3,19.3,20.3	13,17	11.3,12	16,17	12,13	
4sp	8,10	14,15	12,13	18	11,12,13	11,13
	13,19	14.2,16.2,17.2	30	14,17	X,Y	11,12
	19,20	12	7,12		6	11,12
	15,18	INC				
DAVN68	Investigator® 24plex (STRmix V2.4.06)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	11,14.2,17.2	30	14,17,18	X,Y	11
	19,20			19,27.2,31.2	6,8	11
	13,15,18,19	10				

TABLE 2

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

Item 4sp - STR Results

DBR9R8	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	N/A
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	N/A	N/A	27.2,31.2	6,6	11,11
	15,18	10	N/A	N/A	N/A	
DDH7MT	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
DDXEP2	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
DECWT8	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
DF6UXT	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
DFMPT2	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
DFR472	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

DGYJD9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
DH8MYJ	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
DJQF32	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
DLRNT6	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
DLV8UF	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
DPM39M	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
DPP2XH	PowerPlex® Fusion 5C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

DPTTGC	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
DREYXG	GlobalFiler™ (STRmix 2.4)					
	13,14,18.3,19.3	16,17	10.3,11,11.3,12	16,17,18	11,12,13,14	
4sp	7,8,9,10	13,14,15	12,13	17,18	11,12,13,14	10,11,12,13
	12,13,18,19,20	13.2,14.2,16.2,17.2	29,30,31	13,14,15,16,17,18	X,Y	10,11,12
	18,19,20			25.2,26.2,27.2,30.2,31.2	5,6	10,11
	14,15,17,18	10			2	
DRXDCY	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
DTPA2R	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
DTTR94	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
DX6NZK	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
E4J6ED	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

E4QZED	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
ECCFPA	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	[8],11
	19,20			[19],27.2,31.2	6	11
	15,18	10			2	
EDEWC8	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
EDQKKL	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
EDTHNV	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
EE7Y29	Investigator® 24plex QS (STRmix v2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
EHNCLW	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

EKF9AQ	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
ELKR7D	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
EQFBUC	GlobalFiler™ (STRmix v2.4)					
	14,19.3	17,22	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
EQV3WL	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ERDWWW	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19,20	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	16,18		
ETKGE4	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
ETMYKF	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

EU43N8	GlobalFiler™ (STRmix 2.9.1)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
EZKQTA	VeriFiler Plus					
	14,19.3	17	11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18				2	
F4HPMY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
FB2X64	GlobalFiler™ (Bullet Proof Sentry)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
FBZDPB	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
FDQZGJ	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
FEE84M	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

FFGAD7	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
FGQAHD	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
FJAAH2	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17,[18]	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
FJVXN3	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17,18	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	13,15,18	10				
FKNRJL	Investigator® 24plex (STRMIX)					
	13,14,19.3	17,22	11,11.3,12	17	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19,20	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,25			27.2,31.2	6	8,11
	15,18	10				
FL2D82	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,[12]	27.2,31.2	6,6	11,11
	15,18	10	17	18		
FN9RRE	GlobalFiler™ (STRMix)					
	13,14,18.3,19.3	16,17	10.3,11,11.3,12	16,17	11,12,13,14	
4sp	7,8,9,10	13,14,15	12,13	17,18	11,12,13	9,10,11,12,13
	12,13,18,19	13.2,14.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	10,11
	18,19,20,21,25			19,26.2,27,27.2,28.2,30.2,31,31.2	6	10,11
	14,15,17,18	9,10			2	

TABLE 2

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

Item 4sp - STR Results

FNNX6J	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
FP9H7A	PowerPlex® Fusion					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	10				
FPZWYR	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13,14	17,18	11,12,13	11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6	11
	13,15,18,19	10				
FRTJ2W	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
FUDFGA	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
FUFLQB	GlobalFiler™ (STRmix V2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
FV93TD	PowerPlex® Fusion 5C (STRmix 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

FVPCQK	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
FWKXDJ	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	11,14,15	13	17,18	11,12,13	9,11,13
	13,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20			19,27.2,31.2	6	11
	15,18	10				
FWZYH8	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	14,19.3	17	11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
FXLJJX	GlobalFiler™					
	14,19.3	17	11,11.3,12	17	12,13	NA
4sp	8,9,10	14,15	13,14	18	11,12,13	11,13
	13,19	14.2,17.2	30,32.2	14,15,17	X,Y	11
	19,20,25	NA	NA	19,27.2,31.2	6	11
	13,15,18	10	NA	NA	2	
FYMVNC	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
G3M7JC	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
G4F4PX	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

G4F6RJ	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
G4G3UR	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
G693X6	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
G6VAF9	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,[16.2],17.2	30	14,17	X,Y	11
	19,20			27.2,[28.2],31.2	6	11
	15,18,[19]	10			2	
G7LHFC	Investigator® 24plex (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17	11,12,13	
4sp	8,9,10	11,13,14,15	12,13	17,18	11,12,13	10,11,12,13
	12,13,18,19	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	10,11
	18,19,20			26.2,27.2,30.2,31.2	6	8,10,11
	13,14,15,17,18	10				
G7MD3N	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
GDQAWM	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

GF9N7N	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
GFQPWX	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
GHDLQC	GlobalFiler™ (STRmix 2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
GHHTLX	PowerPlex® Fusion 6C					
	13,14,19.3	17,21^,22	11,11.3,12	17,18^	12,13	
4sp	8,9,10	11^,14,15	13,14^	18	11,12,13	9^,11,13
	13,16^,19,20^	11^,14.2,17.2	30,32.2	14,15^,17,18^	X,Y	8^,11
	19,20,21^,25^	11,12	7,8^,12	27.2,31.2	6,7^,8^	8^,11
	13^,15,18,19^	10	17,20	16,18		
GK4B4J	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
GKMCQL	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
GLEB6J	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17,18	12,13	
4sp	8,10	11,14,15	13	18	12,13	9,11,13
	13,19,20	14.2,17.2	30	14,17	X,Y	11
	19,20,21,25			27.2,31.2	6,8	8,11
	15,18,19	10			2	

TABLE 2

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

Item 4sp - STR Results

GMAVRJ	Investigator® 24plex (STRmix)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20			27.2,31.2	6
	15,18	10				
GPDVMA	PowerPlex® Fusion (STRmix)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20	12	7,12		6
	15,18	INC				
GR8C7X	GlobalFiler™					
		14,19.3	17	[11],11.3,12	17	12,13
	4sp	8,10	[11],14,15	13,[14]	18	12,13
		13,19,[20]	14.2,17.2	30	14,17	X,Y
		19,20,[21]			[19],27.2,31.2	6,[7]
	15,18	10			2	
GV39PX	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20	12	7,12	27.2,31.2	6
	15,18	10			2	
GXV8XU	PowerPlex® Fusion 6C (STRmix)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20	12	7,12	27.2,31.2	6
	15,18	10	17	18		
H24T7Y	PowerPlex® Fusion 5C					
		14,19.3	17,17	11.3,12	17,17	12,13
	4sp	8,10	14,15	13,13	18,18	12,13
		13,19	14.2,17.2	30,30	14,17	X,Y
		19,20	12,12	7,12		6,6
	15,18	10				
H2MR4X	GlobalFiler™ (STRmix)					
		14,19.3	17,17	11.3,12	17,17	12,13
	4sp	8,10	14,15	13,13	18,18	12,13
		13,19	14.2,17.2	30,30	14,17	X,Y
		19,20			27.2,31.2	6,6
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

H2NJHT	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
H2NXUM	PowerPlex® Fusion 6C (STRmix 2.6.3)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
H3YHEM	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
H63ZRW	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
H8U4FX	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
H9T7H9	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
HERQDP	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

HHWAKX	GlobalFiler™					
	14,19.3	17,[21]	[11],11.3,12	17,[18]	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19,[20]	14.2,17.2	30	14,17	X,Y	11
	19,20,[21]			27.2,31.2	6	11
	15,18,[19]	10			2	
HHYDX9	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
HJ6QBF	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
HKWMYA	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
HM4ZM4	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
HTC7GN	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
HUPT2N	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

HVHVTX	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
HVJK83	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
HWCHDN	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
HXLMQC	PowerPlex® Fusion (STRmix 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
HZUUXC	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21	11,11.3,12	17	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
J26Y9E	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20			19,27.2,31.2	6,7	11
	13,15,18	10				
J4DXUA	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

J4RJ7W	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
J6G4HU	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
JAFFKL	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
JAKECB	PowerPlex® 21 (STRmix)					
	14,19.3	17,17		17,17	12,13	12,19
4sp	8,10	14,15		18,18	12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18					
JAWGGV	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
JAX8VQ	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
JCLLEA	GlobalFiler™					
	14,19.3	17,[21],[22]	[11],11.3,12	17,[18]	12,13	
4sp	8,10	[11],14,15	13,[14]	18	12,13	[9],11,13
	13,19,[20]	[11],14.2,17.2	30	14,[15],17,[18]	X,Y	[8],11
	19,20,[21],[25]			[19],27.2,31.2	6,[7],[8]	[8],11
	[13],15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

JNF6MD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
JTWDBD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
JUHB8H	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
JVWHTY	PowerPlex® Fusion 5C					
	14,19.3	(13),17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,(16.2),17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
JZ7X3M	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
JZBCQA	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
K3RZLG	PowerPlex® Fusion C, GlobalFiler™ (LRmix Studio)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18	2	

TABLE 2

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

Item 4sp - STR Results

K6GD4Y	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
KCJ9EK	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
KDPZXK	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
KDRKRF	Investigator® 24plex (STRmix)					
	13,14,19.3	17,22	11,11.3,12	17	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20,21			19,27.2,31.2	6	11
	13,15,18	10				
KE34JJ	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	Not Tested
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18	Not Tested	
KFJKAJ	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
KFJNH2	Investigator® 24plex QS					
	14,19.3	17	[11],11.3,12	17,[18]	12,13	
4sp	8,10	14,15	13	18	12,13	[9],11,13
	13,[16],19	[11],14.2,17.2	30	14,[15],17,[18]	X,Y	11
	19,20,[21]			[19],27.2,31.2	6,[8]	11
	[13],15,18	10				

TABLE 2

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

Item 4sp - STR Results

KGUZ8D	GlobalFiler™					
	14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,10	11,14,15	13	18	12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30	14,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7	11
	15,18,19	10			2	
KHJWMB	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
KJHXT3	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
KKDL2Q	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
KPR6J8	GlobalFiler™ (STRMix v2.9)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
KRENK6	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
KT6WJ9	Investigator® 24plex (STRmix)					
	13,14,18.3,19.3	16,17,21	11,11.3,12	16,17	11,12,13	
4sp	8,9,10	11,13,14,15	12,13,14	17,18	11,12,13	10,11,12,13
	12,13,18,19	13.2,14.2,15.2,16.2,17.2	29,30	13,14,15,16,17,18	X,Y	10,11
	18,19,20,25			26.2,27.2,30.2,31.2	6	10,11
	14,15,16,17,18	10				

TABLE 2

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

Item 4sp - STR Results

KTNTZE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
KUEFBC	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
KVRFK7	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	
KW4EHZ	Investigator® 24plex QS					
	14,19.3	17,17	11.3,12	17,17	12,13	N/A
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	N/A	N/A	27.2,31.2	6,6	11,11
	15,18	10	N/A	N/A	N/A	
L2GFER	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
L3DYBR	GlobalFiler™					
	14,19.3	17,22	11,11.3,12	17	12,13	N/A
4sp	8,10	14,15	13	18	12,13	11,13
	13,16,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20	N/A	N/A	19,27.2,31.2	6	11
	15,18	10	N/A	N/A	2	
L3VMU8	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	[8],11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

L4K876	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
L8KJ36	PowerPlex® Fusion (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
L9ZQFZ	GlobalFiler™					
	14,19.3	17	[11],11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
LBHV4W	GlobalFiler™					
	14,19.3	17	11.3,12	17,18	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	8,11
	19,20			27.2,31.2	6	11
	15,18	10			2	
LCX49Q	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
LD6NQY	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
LE2ZPD	Investigator® 24plex QS					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

LE4LCV	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
LEFGUE	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	9,11,13
	13,19	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20,21			19,27.2,31.2	6,7	8,11
	13,15,18	10				
LGBXC3	Investigator® 24plex QS (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
LHYF89	PowerPlex® Fusion (STRMIX)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
LJXPAQ	GlobalFiler™					
	13,14,19.3	17,21	11,11.3,12	17	12,13	N/A
4sp	8,10	11,14,15	13,14	18	12,13	11,13
	13,16,19,20	14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20,25	N/A	N/A	19,27.2,31.2	6	8,11
	13,15,18,19	10	N/A	N/A	2	
LKA8PP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
LR79G4	Investigator® 24plex QS (strmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

LRM8U2	PowerPlex® Fusion 6C, Sig Prep B					
	14,19.3	17	11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
LT66FY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17,[18]	12,13	
4sp	8,10	14,15	13,[14]	18	12,13	11,13
	13,19	[11],14.2,17.2	30,[32.2]	14,[15],17,[18]	X,Y	11
	19,20	12	7,12	[19],27.2,31.2	6	11
	15,18,[19]	10	17	[16],18		
LTHU9Q	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
LUA42R	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
LUZRT3	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
LWZ8QR	PowerPlex® Fusion, GlobalFiler™ (Gene mapper ID-X)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
LZFNZW	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

M36BE7	Investigator® 24plex (Strmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
M42RJF	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
M6TQYY	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
M76JHF	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
M8DQNU	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
MBZ97E	Investigator® 24plex (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18	10				
MCQCUF	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					

TABLE 2

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

Item 4sp - STR Results

MCRH22	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
MEYHH2	Investigator® 24plex QS (STRmix v2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
MFD39Q	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
MJ833T	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
ML2MER	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
MLHYUC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
MLY2FQ	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

MMCJN3	GlobalFiler™ (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
MP4FCW	PowerPlex® Fusion 6C (STRmix 2.6)					
	(13),14,19.3	17,(21),(22)	(11),11.3,12	17,(18)	12,13	
4sp	8,(9),10	(11),14,15	13,(14)	18	(11),12,13	(9),11,13
	13,(16),19,(20)	(11),14.2,(16.2),17.2	30,(32.2)	14,(15),17,(18)	X,Y	(8),11
	19,20,(25)	(11),12	7,(8),12	(19),27.2,31.2	6,(7),(8)	(8),11
	(13),15,18,(19)	10	17,(20)	(16),18		
MRAYJ6	Investigator® 24plex QS					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
MUQFHC	Investigator® 24plex QS (STRmix for "4 sp" fraction only)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
MUUXNM	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
MXQQDC	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
MZCEPC	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					

TABLE 2

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

Item 4sp - STR Results

MZFB8G	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	not tested
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18	not tested	
N63BR8	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	174	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
N6BWYP	GlobalFiler™					
	14,19.3	17,21,22	11,11.3,12	17	12,13	N/A
4sp	8,10	11,14,15	13	18	12,13	11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,17	X,Y	8,11
	19,20,25	N/A	N/A	19,27.2,31.2	6,8	8,11
	13,15,18	10	N/A	N/A	2	
N98UXF	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
NBDBDY	PowerPlex® Fusion 6C					
4sp						
NBWUKR	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
NDJHWR	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

NDZD3E	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
NETU7F	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
NHUAR6	GlobalFiler™ (STRmix v 2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	-
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	-	-	27.2,31.2	6,6	11,11
	15,18	10	-	-	2	
NLCZ3M	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
NLWPG2	GlobalFiler™					
	14,19.3	17	11.3,12,[13]	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13,[14]
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
NM4VRG	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
NMMT4G	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

NNNGT8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
NPVZC2	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
NQM4YG	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
P4NE8H	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
P6JU4R	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,[18]	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18,[19]	10			2	
PBQBKT	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
PC2XGL	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

PDGB23	Identifiler® Plus, MiniFiler (STRmix v2.7)					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
PEM2Q6	PowerPlex® Fusion (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
PGJ4AF	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
PH497R	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
PHACAJ	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
PMFACV	Investigator® 24plex QS, FlexPlex27					
	14,19.3	17,17	11.3,12	17,17	12,13	12,19
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	N/A	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	INC	N/A	
PNEBHM	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

PRWLJX	GlobalFiler™ (STRMIX)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,10	11,14,15	13,14	18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17	X,Y	8,11
	19,20,21			19,27.2,31.2	6	8,11
	13,15,18,19	10			2	
PTA3QK	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
PV4L3J	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
PW8J3E	GlobalFiler™ (STRmix (version 2.7.0))					
	14,19.3	17,21	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,16.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
PWB2AP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
PZ4CUN	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
Q3R4JY	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20			27.2,31.2	6	8,11
	15,18,19	10				

TABLE 2

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

Item 4sp - STR Results

Q6LMVY	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
Q6X3KE	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
Q7B3WU	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
QCGRGM	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
QCWXUR	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
QD9V6N	PowerPlex® Fusion, GlobalFiler™ (Genemapper ID-X1.4)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
QDW46J	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

QENZUD	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
QFGZKX	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
QGE2Y2	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
QGM CER	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
QHN3TM	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
QL282G	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
QNBYKJ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

QPNHJV	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
QVBKAX	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
QYCHQR	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
QZ4LFT	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
R2GCJV	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
R2XPKD	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13	[18]	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	[11]
	19,20			27.2,31.2	6,6	[11]
	15,18	10			2	
R3CW7V	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

R3PLA8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
R6CNW2	GlobalFiler™ (STRmix V2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	-
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	-	-	27.2,31.2	6,6	11,11
	15,18	10	-	-	2	
R6K83Y	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
R8GUGU	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
RAAK4L	GlobalFiler™					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	NA
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25	NA	NA	19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10	NA	NA	2	
RDP4W4	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10				
RF3L72	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

RFWQ62	PowerPlex® Fusion (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
RG7QA9	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
RGNMUV	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
RJDYLE	PowerPlex® Fusion 6C (STRMIX)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,16.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
RJGD72	Investigator® 24plex (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17	11,12,13	
4sp	8,9,10	13,14,15	12,13,14	17,18	11,12,13	9,10,11,12,13
	12,13,18,19,20	11,13.2,14.2,16.2,17.2	29,30,32.2	13,14,15,16,17,18	X,Y	10,11
	18,19,20,21			26.2,27.2,30.2,31.2	6	10,11
	13,14,15,17,18	10				
RQVE8W	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
RTHY9U	GlobalFiler™					
	14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,16,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18,19	10			2	

TABLE 2

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

Item 4sp - STR Results

RTZXCJ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
RUA4EL	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
RXXEND	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
RYMT8W	Investigator® 24plex QS (STRmix V2.4)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
RYQBD8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
RZ7GTW	Investigator® 24plex QS (STRmix v.2.4)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
RZHDUV	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

T33P77	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	11
	19,20			27.2,31.2	6	11
	13,15,18,19	10				
T6DHB7	Investigator® 24plex QS (TrueAllele)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
TEC8XA	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
TGZBF2	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
TH2BVM	PowerPlex® Fusion 6C					
	14,19.3	17,[21 ^,22 ^]	[11 ^],11.3,12	17,[18 ^]	12,13	NR
4sp	8,10	14,15	13,[14 ^]	18	[11 ^],12,13	11,13
	13,19	14.2,17.2	30,[32.2 ^]	14,17	X,Y	[8 ^],11
	19,20,[25 ^]	[11 ^],12	7,12	[19 ^],27.2,31.2	6	11
	15,18,[19 ^]	10	17	16,18	NR	
TLCTMN	GlobalFiler™ (STRmix)					
	14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	11,14.2,17.2	30	14,17,18	X,Y	11
	19,20			19,27.2,31.2	6,7,8	11
	15,18	10			2	
TPKPNK	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

TPRTUB	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
TR8DZK	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
TVMV9N	GlobalFiler™ (STRmix)					
	14,19.3	17,22	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			19,27.2,31.2	6	11
	15,18	10			2	
TWDYXP	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
U6R7AC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
U9M6CN	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	11,13
	13,16,19,20	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,25			19,27.2,31.2	6	8,11
	13,15,18	10				
UAE8Y4	PowerPlex® Fusion 5C					
	[13],14,19.3	17,[21,22]	[11],11.3,12	17	12,13	
4sp	8,[9],10	[11],14,15	13,[14]	18	[11],12,13	[9],11,13
	13,[16],19,[20]	[11],14.2,17.2	30,[32.2]	14,[15],17	X,Y	[8],11
	19,20,[21]	[11],12	7,[8],12		6,[7,8]	11
	[13],15,18,[19]	10				

TABLE 2

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

Item 4sp - STR Results

UAF3HA	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
UAYNGR	Investigator® 24plex QS					
	14,19.33	17,17	11.3,12	17,17	12,13	n/a
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	n/a	n/a	27.2,31.2	6,[7]	11,11
	15,18	10	n/a	n/a	n/a	
UCK3R3	GlobalFiler™ (STRmix)					
	14,19.3	17,[21],[22]	11.3,12	17	12,13	
4sp	8,10	[11],14,15	13	18	12,13	11,13
	13,19,[20]	14.2,17.2	30	14,17	X,Y	[8],11
	19,20			[19],27.2,31.2	6,[7],[8]	11
	15,18	10			2	
UFAN3J	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
UHG4BB	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
UJ27PA	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
UJP8UZ	PowerPlex® Fusion (STRmix v2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

UK2JJC	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ULVQ29	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
UNYHTM	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
UPDXBU	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
UR3DDP	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17,18	X,Y	11
	19,20,21			27.2,31.2	6	11
	13,15,18	10				
URXYZN	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
UTD6JK	GlobalFiler™ (STRMix)					
	13,14,19.3	17,21,22	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	13,15,18,19	10			2	

TABLE 2

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

Item 4sp - STR Results

UU3LGZ	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
UVHLZP	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
UWQ7HX	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
UYJPUW	Investigator® 24plex					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
UZWGKT	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
V2JGXU	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,22	11,11.3,12	17	12,13	
4sp	8,9,10	14,15	13	17,18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
V3BKLU	GlobalFiler™					
	14,19.3	17	[11],11.3,12	17	12,13	
4sp	8,10	[11],14,15	13	18	12,13	11,13
	13,19,[20]	14.2,17.2	30	14,[15],17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

V3HGMU	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
V94FR9	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,16.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VC3YPZ	Investigator® 24plex					
	14,19.3	17,17	11,11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	9,11,13
	13,19,20	11,14.2,17.2	30,32.2	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	13,15,18	10				
VC6L8E	PowerPlex® Fusion 6C (STRmix v.2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
VDVWVL	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17,[18]	12,13	
4sp	8,10	14,15	13,13	18,18	12,13,[14]	11,[12],13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
VDXJDZ	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
VE74AV	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

VFZHNT	VeriFiler Plus					
	14,19.3	17,[21],[22]	[11],11.3,12	17,[18]	12,13	12,19
4sp	8,10	[11],14,15	13	18	12,13	11,13
	13,[16],19	14.2,17.2	30	14,[15],17	X,Y	[8],11
	19,20	12	7,[8],12		6,[8]	[8],11
	15,18,[19]				2	
VGCAM2	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VGEJG2	GlobalFiler™					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6,8	11
	15,18	10			2	
VGUBJC						
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VJJEFP	GlobalFiler™ (BP Sentry)					
	14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VJMUVB	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VJW73E	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

VJZQXU	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,25			19,27.2,31.2	6,7,8	11
	15,18,19	10				
VLEVVX	Identifiler® Plus (STRmix 2.7)					
		17,(21)		17,17	12,13	
4sp	8,10	14,15			12,13	(9),11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
VM66UZ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	9,11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20,25	12	7,12	19,27.2,31.2	6	11
	15,18	10	17,20	16,18		
VMHQCP	GlobalFiler™ (Bulletproof Sentry)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VMZY36	Investigator® 24plex (STRmix)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	9,11,13
	13,19	11,14.2,17.2	30,32.2	14,15,17,18	X,Y	8,11
	19,20,21			19,27.2,31.2	6,7,8	8,11
	15,18,19	10				
VNEA8P	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
VPKX8M	PowerPlex® Fusion 6C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

VQ77WJ	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
VWP63C	PowerPlex® 16 (DNA Statistx)					
4sp						
VXLYY3	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
VZ9HZZ	Investigator® 24plex (STRmix)					
	13,14,18.3,19.3	16,17	11,11.3,12	16,17,18	11,12,13	
4sp	8,9,10	13,14,15	12,13	17,18	11,12,13	10,11,12,13
	12,13,18,19	13.2,14.2,16.2,17.2	29,30	14,15,17,18	X,Y	10,11
	18,19,20			26.2,27.2,30.2,31.2	5,6	10,11
	14,15,17,18	10				
VZNWAU	Investigator® 24plex QS (STRmix V2.4.06)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
W4MGRY	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10			2	
W8PDJE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		

TABLE 2

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

Item 4sp - STR Results

W9HBPZ	PowerPlex® Fusion (strmix v2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
WB9LQE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
WD7MB4	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
WDRML2	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30,32.2	14,17,18	X,Y	11
	19,20			19,27.2,31.2	6	11
	13,15,18	10				
WFYXJQ	Investigator® 24plex QS (STRmix v2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
WGTQE9	GlobalFiler™ (STRmix™)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
WHLGKN	Investigator® 24plex (STRMix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

WHTGWP	PowerPlex® Fusion 6c (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
WKUM8P	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
WME3GC	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
WMLJVJ	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
WP7LB3	GlobalFiler™ (STRmix)					
	13,14,19.3	17,21,22	11.3,12	17	12,13	
4sp	8,10	11,14,15	13	18	12,13	9,11,13
	13,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20,25			19,27.2,31.2	6,8	8,11
	13,15,18	10			2	
WP988J	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
WPYJGN	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				

TABLE 2

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

Item 4sp - STR Results

WRRCP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
WVTEM3	PowerPlex® Fusion 5C					
	14,19.3	17	11.3,12	17	[12],13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,[17]	X,Y	11
	19,20	12	7,12		6	11
	15,18	10				
WXDTZX	GlobalFiler™ (STRmix 2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
WXECXE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
WZ8VAD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
WZR6Q	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
X2U2Y3	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

X3PLL3	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
X9E2EF	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
XD7D8Q	GlobalFiler™					
	14,19.3	17,[21]	[11],11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20,[21]			[19],27.2,31.2	6	11
	[13],15,18	10			2	
XJ9KMT	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
XL34YT	Investigator® 24plex QS (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
XLHMJQ	Investigator® 24plex QS (STRmix v2.4)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
XLK9F7	GlobalFiler™ (STRmix)					
	14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,10	11,14,15	13,14	18	11,12,13	11,13
	13,16,19,20	11,14.2,17.2	30,32.2	14,17,18	X,Y	8,11
	19,20,21,25			19,27.2,31.2	6,7,8	8,11
	15,18,19	10			2	

TABLE 2

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

Item 4sp - STR Results

XMV7FG	PowerPlex® Fusion 5C					
		14,19.3	17,17	11.3,12	17,17	12,13
	4sp	8,10	14,15	13,13	18,18	12,13
		13,19	14.2,17.2	30,30	14,17	X,Y
		19,20	12,12	7,12		6,6
	15,18	10			11,11	
XXMNLN	Investigator® 24plex (STRMix)					
		14,19.3	17,17	11.3,12	17,17	12,13
	4sp	8,10	14,15	13,13	18,18	12,13
		13,19	14.2,17.2	30,30	14,17	X,Y
		19,20			27.2,31.2	6,6
	15,18	10			11,11	
XN4BVQ	GlobalFiler™					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20			27.2,31.2	6
	15,18	10			11	
					2	
XNM34B	GlobalFiler™					
		14,19.3	17,17	11.3,12	17,17	12,13
	4sp	8,10	14,15	13,13	18,18	12,13
		13,19	14.2,17.2	30,30	14,17	X,Y
		19,20			27.2,31.2	6,6
	15,18	10			11,11	
					2	
XQGRJP	GlobalFiler™ (STRmix)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20				6
	15,18	10			11	
					2	
XT2QN8	GlobalFiler™ (STRmix)					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20			27.2,31.2	6
	15,18	10			11	
					2	
XTX9KG	PowerPlex® Fusion, GlobalFiler™					
		14,19.3	17	11.3,12	17	12,13
	4sp	8,10	14,15	13	18	12,13
		13,19	14.2,17.2	30	14,17	X,Y
		19,20	12	7,12	27.2,31.2	6
	15,18	10			11	
					2	

TABLE 2

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

Item 4sp - STR Results

XUDPK2	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
XV874Q	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
XVCLGQ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
Y3MJ8H	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
Y4XVWT	GlobalFiler™ (STRmix v. 2.4.06)					
	14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	14,15	13	17,18	11,12,13	11,13
	13,19,20	14.2,17.2	30	14,15,17,18	X,Y	11
	19,20,21			27.2,31.2	6	8,11
	15,18	10			2	
Y696Z6	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	[11],14,15	13	18	12,13	11,13
	13,19	14.2,[16.2],17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
Y6BM7G	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

Y7LPTE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
Y8DTGF	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
Y8TPUU	GlobalFiler™ (STRmix version 2.4)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
YANJYW	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
YB3XGE	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
YC9WHU	GlobalFiler™ (STRmix v2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
YG4NN7	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

YGX2YH	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	11,14.2,17.2	30	14,17	X,Y	8,11
	19,20			27.2,31.2	6	11
	15,18	10			2	
YHGWUQ	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
YHXZHQ	Investigator® 24plex					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
YJRN2L	GlobalFiler™					
	14,19.3	17	11,11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,16,19	11,14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18,19	10			2	
YPXW9W	GlobalFiler™					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
YQ97C9	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
YQAZ6E	GlobalFiler™					
	14,19.3	17,21	11,11.3,12	17	12,13	N/A
4sp	8,10	11,14,15	13	18	12,13	11,13
	13,16,19	14.2,17.2	30	14,17	X,Y	11
	19,20	N/A	N/A	19,27.2,31.2	6	11
	15,18	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 4sp - STR Results

YQT3K2	Investigator® 24plex (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
YTH26R	Investigator® 24plex QS (STRmix v2.4.06)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
YUEMRQ	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,21	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13,14	17,18	11,12,13	9,11,13
	13,16,19,20	14.2,17.2	30	14,15,17,18	X,Y	8,11
	19,20,25			19,27.2,31.2	6,7,8	11
	15,18,19	10				
YUQJWV	Investigator® 24plex (STRmix)					
	13,14,19.3	17	11,11.3,12	17,18	12,13	
4sp	8,9,10	11,14,15	13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30	14,15,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18,19	10				
YW2AED	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
YWHFLP	Investigator® 24plex (STRMix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10				
YXAH96	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	

TABLE 2

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

Item 4sp - STR Results

YYHRYG	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13,[14]	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
YYNQQ7	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
YZAVMH	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
Z2A2U4	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
Z4B6J6	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
Z66VPK	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
Z67UJR	PowerPlex® Fusion (STRmix v2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				

TABLE 2

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

Item 4sp - STR Results

Z97WR3	GlobalFiler™ (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20			27.2,31.2	6	11
	15,18	10			2	
ZCKGTW	PowerPlex® Fusion, GlobalFiler™ (Genmapper)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10			2	
ZFQ4KT	Identifiler® Plus (STRmix 2.7.0)					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					
ZLQN8W	PowerPlex® Fusion 5C (STRMix 2.7)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12		6	11
	15,18	INC				
ZM4XK3	GlobalFiler™					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ZNXFA6	PowerPlex® Fusion 6C					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
ZPAFJY	Identifiler® Plus					
		17,17		17,17	12,13	
4sp	8,10	14,15			12,13	11,13
	13,19	14.2,17.2	30,30		X,Y	11,11
	19,20				6,6	11,11
	15,18					

TABLE 2

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

Item 4sp - STR Results

ZPDXPA	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12	27.2,31.2	6,6	11,11
	15,18	10	17	18		
ZR2C9T	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
ZTAM6W	Investigator® 24plex (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10				
ZU3KBH	PowerPlex® Fusion 5C					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20	12,12	7,12		6,6	11,11
	15,18	10				
ZUUCGP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17	11.3,12	17	12,13	
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	18		
ZXP7EQ	GlobalFiler™ (STRmix)					
	14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,10	14,15	13,13	18,18	12,13	11,13
	13,19	14.2,17.2	30,30	14,17	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	15,18	10			2	
ZYZY7K	Investigator® 24plex QS (STRmix)					
	13,14,19.3	17,17	11.3,12	17,17	12,13	
4sp	8,9,10	14,15	13,13	17,18	11,12,13	11,13
	13,19	14.2,17.2	30,30	14,17,18	X,Y	11,11
	19,20			27.2,31.2	6,6	11,11
	13,15,18	10				

TABLE 2

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

Item 4sp - STR Results

ZZA73K	Investigator® 24plex QS, FLEX PLEX 27					
	14,19.3	17	[11],11.3,12	17,[18]	12,13	12,19
4sp	8,10	[11],14,15	13	18	[11],12,13	11,13
	13,[16],19,[20]	14.2,17.2	30	14,[15],17	X,Y	11
	19,20	N/A	7,12	[19],27.2,31.2	6,[8]	11
	15,18	10	17	18	N/A	
ZZVKTJ	PowerPlex® Fusion 6C, Signature Prep Primer Set B					
	14,19.3	17	11.3,12	17	12,13	12,19
4sp	8,10	14,15	13	18	12,13	11,13
	13,19	14.2,17.2	30	14,17	X,Y	11
	19,20	12	7,12	27.2,31.2	6	11
	15,18	10	17	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 1 - YSTR Results

23HL4P	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
2JJXRM	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
2MHUA9	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
2P9VFW	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
37PZ4U	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
3JG9XV	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
3JZBT7	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
3NWFLV	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
3QCPDM	Yfiler™ Plus, Investigator Argus Y-28 QS Kit								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	12	20	16	19	22	14	12
3RRGEW	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
3TJFTV	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

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

Item 1 - YSTR Results

3VD69A	Yfiler™								
1	NA	15	15,15	13	31	22	10	11	13
	14	11	12	20	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	12
44PN3T	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
4A6FYK	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
4AD4V8	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
4CWEDJ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
4EYPGT	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
4FBNB3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
4FWKWV	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
4NVWKD	Yfiler™								
1	NA	15	15,15	13	31	22	10	11	13
	14	11	12	20	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	12
63N2AM	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
66BLZY	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
6A29E4	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 1 - YSTR Results									
6AK29M	Yfiler™								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17			
						22			12
6D467K	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22			12
6NN9F6	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22			12
6R2A2B	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17			27
	11	12	20	16	22	14			12
732YVH	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22			12
7CQMT7	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
7FP2EB	Yfiler™								
1	N/A	15	15,15	13	31	22	10	11	13
	14	11	12	20	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12
7GJRKP	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17			27
	11	12	20	16	22	14			12
7Y9TLM	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22			12
88EYTA	Yfiler™								
1	NA	15	15,15	13	31	22	10	11	13
	14	11	12	20	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	12
899PYN	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17			27
	11	12	20	16	22	14			12
8GVYUC	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17			27
	11	12	20	16	22	14			12

TABLE 3

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

Item 1 - YSTR Results

8KV7E9	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
8UML7Y	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
8WWHZ3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
93CREP	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17	27
		11	12	20	16		22	14	12
94PAL3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
97CTMZ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17	27
		11	12	20	16		22	14	12
9AVEEG	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
		14	11	12	20		16	17	27
		11	12	20	16		22	14	12
9JEDVQ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
9MFUGF	Yfiler™								
1		15	15,15	13	31	22	10	11	13
		14	11	12	20		16	17	
							22		12
9NB64N	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17	27
		11	12	20	16		22	14	12
9VEV2L	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17	27
		11	12	20	16		22	14	12
A6WWUZ	Yfiler™								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12

TABLE 3

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

Item 1 - YSTR Results

ABLAWN	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
ADCLGF	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
AJUWFN	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
AK42TC	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
ALYP82	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
AUDBG6	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
AV89XC	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
AZJ83Q	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
B7AWDF	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
BHJL6Q	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
BJ8K2U	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
BJAKJN	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

BPG3RP	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
BQUMQQ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
BRQZAD	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
CCKHKW	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
CJ6BKH	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
CTXUEB	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
CWW6AB	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
CYEPU7	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
D3V8VM	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
DDH7MT	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
DGDEVN	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
DGFNKK	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

DPP2XH	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
DPTTGC	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
DREYXG	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
DTTR94	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
E4J6ED	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
E4QZED	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
EDEWC8	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
EDQKKL	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
EDTHNV	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
EL9YMW	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
FB2X64	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
FDQZGJ	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

FEE84M	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
FGQAHD	Yfiler™								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
FNNX6J	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
FP9H7A	PowerPlex® Y 23								
1		inc	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
FRLJRF	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
FVPCQK	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
FWKXDJ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
FWZYH8	PowerPlex® Y 23, Signature Prep - Primer Set B								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20		16	17	11	27
		11	12	20	16		22	14	12
FXLJX	Yfiler™								
1	NA	15	15,15	13	31	22	10	11	13
	14	11	12	20	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	12
FZ6KEK	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
G4F6RJ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
G693X6	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

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

Item 1 - YSTR Results

G6VAF9		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
GD7TGK		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
GKMCQL		PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13	
	14	11	12	20		16	17		27	
		11	12	20	16		22	14	12	
GLEB6J		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
GR8C7X		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
GV39PX		PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13	
	14	11	12	20		16	17		27	
		11	12	20	16		22	14	12	
GXV8XU		PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13	
	14	11	12	20		16	17		27	
		11	12	20	16		22	14	12	
H8U4FX		PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13	
	14	11	12	20		16	17		27	
		11	12	20	16		22	14	12	
HHWAKX		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
HHYDX9		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
HUPT2N		Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13	
	14	11	12	20	32	16	17	11	27	
	39	11		20	16	19	22		12	
J26Y9E		PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13	
	14	11	12	20		16	17		27	
		11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

JDDWWF	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
JVWHTY	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
JZBCQA	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
JZRGUF	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
K3RZLG	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
K6GD4Y	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
KE34JJ	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	Not Tested	20	16	19	22	Not Tested	12
KFJKAJ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
KHJWMB	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
KKDL2Q	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
KNB7VN	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
KRENK6	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12

TABLE 3

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

Item 1 - YSTR Results

KUEFBC	Yfiler™									
	1	36,38	15	15	13	31	22	10	11	13
		14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22			12
L3DYBR	Yfiler™									
	1	N/A	15	15,15	13	31	22	10	11	13
		14	11	12	20	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A		12
L9ZQFZ	Yfiler™ Plus									
	1	36,38	15	15	13	31	22	10	11	13
		14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22			12
LBHV4W	PowerPlex® Y 23									
	1		15	15,15	13	31	22	10	11	13
		14	11	12	20		16	17		27
		11	12	20	16		22	14		12
LBWYJ4	Yfiler™									
	1		15	15,15	13	31	22	10	11	13
		14	11	12	20		16	17		
							22			12
LE2ZPD	Yfiler™									
	1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17		
							22			12
LEFGUE	PowerPlex® Y 23									
	1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17		27
		11	12	20	16		22	14		12
LJXPAQ	Yfiler™									
	1	N/A	15	15,15	13	31	22	10	11	13
		14	11	12	20	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A		12
LRM8U2	PowerPlex® Y 23, Sig Prep B									
	1	36,38	15	15	13	31	22	10	11	13
		14	11	12	20		16	17	11	27
		11	12	20	16		22	14		12
LUZRT3	Yfiler™ Plus									
	1	36,38	15	15	13	31	22	10	11	13
		14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22			12
LWZ8QR	PowerPlex® Y 23									
	1		15	15	13	31	22	10	11	13
		14	11	12	20		16	17		27
		11	12	20	16		22	14		12
M42RJF	Yfiler™ Plus									
	1	36,38	15	15	13	31	22	10	11	13
		14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22			12

TABLE 3

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

Item 1 - YSTR Results

MFD39Q	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
MP4FCW	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
MR8EMP	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
MUQFHC	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
MUUXNM	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
MXQQDC	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
N63BR8	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
N6BWYP	Yfiler™								
1	N/A	15	15,15	13	31	22	10	11	13
	14	11	12	20	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12
NBWUKR	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
NDJHWR	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
NHUAR6	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	-	20	16	19	22	-	12
NLCZ3M	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12

TABLE 3

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

Item 1 - YSTR Results

NLWPG2	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
NPVZC2	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
NU74DB	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
P4NE8H	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
P7VW8Y	Yfiler™								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		
							22		12
PBQBKT	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
PV4L3J	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
PVDEC8	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
PXMMX7	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
Q6X3KE	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
Q7B3WU	Yfiler™								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		
							22		12
QBH7RG	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

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

Item 1 - YSTR Results

QD9V6N	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
QNBKJ	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
QRUGKB	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
R3CW7V	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
R3PHMJ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
R3PLA8	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
R6CNW2	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	-	20	16	19	22	-	12
RAAK4L	Yfiler™								
1	NA	15	15,15	13	31	22	10	11	13
	14	11	12	20	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	22	NA	12
RG7QA9	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
RGNMUV	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
RT6DPK	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
RTEF3H	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	

TABLE 3

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

Item 1 - YSTR Results

RTZXCJ	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
RXKLDJ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
RYQBD8	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
T6DHB7	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
						22		12	
TGZBF2	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
TLCTMN	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
TPKPNK	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
TPRTUB	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
TUTX33	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
U28EYA	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
U3GFUJ	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
UAE8Y4	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

UCK3R3	Yfiler™								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
UJP8UZ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
UK2JJC	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
UNYHTM	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
URXYZN	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
UWQ7HX	Yfiler™								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		
							22		12
V3HGMU	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
VDXJDZ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
VER9RF	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
VGCAM2	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
VGEJG2	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
VJJEFP	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12

TABLE 3

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

Item 1 - YSTR Results

VJMUVB	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
VLEWVX	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
VM66UZ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
VMHQCP	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
WVCYQE	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	NT	20	16	19	22	NT	12
WWP63C	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
VXLYY3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
W4MGRY	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
W9HBPZ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
WB9LQE	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
WD7MB4	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
WDRML2	PowerPlex® Y 23								
1		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

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

Item 1 - YSTR Results

WKUM8P	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
WME3GC	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
WPYJGN	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
WRRCPPE	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		27
		11	12	20	16		22	14	12
WVTEM3	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		27
		11	12	20	16		22	14	12
WZ8VAD	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		27
		11	12	20	16		22	14	12
X2U2Y3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
XD7D8Q	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
XJ9KMT	Yfiler™								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		
							22		12
XLHMJQ	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		27
		11	12	20	16		22	14	12
XMV7FG	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
XN4BVQ	Yfiler™								
1		15	15	13	31	22	10	11	13
		14	11	12	20	16	17		
							22		12

TABLE 3

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

Item 1 - YSTR Results

XTX9KG	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
XV874Q	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
Y7LPTE	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
YB3XGE	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
YG64TW	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
YGX2YH	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
YHGWUQ	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
YPXW9W	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
YQAZ6E	Yfiler™								
1	N/A	15	15,15	13	31	22	10	11	13
	14	11	12	20	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22	N/A	12
YXPUTV	PowerPlex® Y 23								
1	15	15,15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	
Z4B6J6	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11	20	16	19	22		12	
Z63BXC	PowerPlex® Y 23								
1	15	15	13	31	22	10	11	13	
	14	11	12	20	16	17		27	
	11	12	20	16		22	14	12	

TABLE 3

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

Item 1 - YSTR Results

Z63DJ9	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
Z67UJR	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
Z97WR3	Yfiler™ Plus								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
ZCKGTW	PowerPlex® Y 23								
1		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
ZFQ4KT	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
ZM4XK3	Yfiler™ Plus								
1	36,38	15	15,15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
ZZVKTJ	PowerPlex® Y 23, Signature Prep Primer Set B								
1	36,38	15	15	13	31	22	10	11	13
	14	11	12	20		16	17	11	27
		11	12	20	16		22	14	12

TABLE 3

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

Item 2 - YSTR Results

23HL4P	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
2JJXRM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
2MHUA9	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
2P9VFW	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
37PZ4U	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3JG9XV	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3JZBT7	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
3NWFLV	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3QCPDM	Yfiler™ Plus, Investigator Argus Y-28 QS Kit								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	12	18	18	17	23	10	13
3RRGEW	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3TJFTV	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
3VD69A	Yfiler™								
2	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
44PN3T	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
	12	12	18	18	23	10	13		
4A6FYK	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
4AD4V8	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
4CWEDJ	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
	12	12	18	18	23	10	13		
4EYPGT	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
	12	12	18	18	23	10	13		
4FBNB3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
4FWKVV	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
	12	12	18	18	23	10	13		
4NWWKD	Yfiler™								
2	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
63N2AM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
66BLZY	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
6A29E4	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
	12	12	18	18	23	10	13		
6AK29M	Yfiler™								
2	16	11,13	13	30	25	11	11	13	
	14	10	21	16	17			23	
								23	13

TABLE 3

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

Item 2 - YSTR Results

6D467K	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
6NN9F6	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
6R2A2B	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
732YVH	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
7CQMT7	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
7FP2EB	Yfiler™								
2	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
7GJRP	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
7Y9TLM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
88EYTA	Yfiler™								
2	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
899PYN	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
8GVYUC	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
8KV7E9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

8UML7Y	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
8VWHZ3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
93CREP	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
94PAL3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
97CTMZ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
9AVEEG	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
9JEDVQ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
9MFUGF	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
9NB64N	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
9VEV2L	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
A6WWUZ	Yfiler™								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
ABLAWN	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 2 - YSTR Results

ADCLGF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AJUWFN	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
AK42TC	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
AUDBG6	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AV89XC	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AZJ83Q	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
B7AWDF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BHJL6Q	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BJ8K2U	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BJAKJN	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
BPG3RP	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
BQUMQQ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

BRQZAD	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CCKHKW	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
CJ6BKH	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
CTXUEB	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CWW6AB	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CYEPU7	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
D3V8VM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
DDH7MT	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
DGDEVN	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
DGFNKK	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
DPP2XH	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
DPTTGC	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	

TABLE 3

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

Item 2 - YSTR Results

DREYXG	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
DTTR94	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
E4J6ED	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
E4QZED	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EDEWC8	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EDQKKL	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EDTHNV	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EL9YMW	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FB2X64	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FDQZGJ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
FEE84M	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FGQAHD	Yfiler™								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

FNNX6J	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FP9H7A	PowerPlex® Y 23								
2		inc	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	inc		23	10	13
FRLJRF	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
FVPCQK	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FWKXDJ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
FWZYH8	PowerPlex® Y 23, Signature Prep - Primer Set B								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
		12	12	18	18		23	10	13
FXLJJX	Yfiler™								
2	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
FZ6KEK	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
G4F6RJ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
G693X6	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
G6VAF9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
GD7TGK	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

GKMCQL	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
GLEB6J	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
GR8C7X	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
GV39PX	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
GXV8XU	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
H8U4FX	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
HHWAKX	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
HHYDX9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
HUPT2N	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
J26Y9E	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
JDDWWF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
JVWHTY	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	

TABLE 3

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

Item 2 - YSTR Results

JZBCQA	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
JZRGUF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
K3RZLG	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
K6GD4Y	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KE34JJ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	Not Tested	18	18	17	23	Not Tested	13
KFJKAJ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KGUZ8D	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
KHJWMB	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KKDL2Q	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KNB7VN	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
KRENK6	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
KUEFBC	Yfiler™								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
L3DYBR	Yfiler™								
2	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
L9ZQFZ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
LBHV4W	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
LBWYJ4	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
LE2ZPD	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
LEFGUE	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
LJXPAQ	Yfiler™								
2	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
LRM8U2	PowerPlex® Y 23, Sig Prep B								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
		12	12	18	18		23	10	13
LUZRT3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
LWZ8QR	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
M42RJF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
MFD39Q	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
MP4FCW	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
MR8EMP	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
MUQFHC	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
MUUXNM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
MXQQDC	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
N63BR8	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	20		16	17		23	
	12	12	18	18		23	10	13	
N6BWYP	Yfiler™								
2	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
NBWUKR	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
NDJHWR	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NHUAR6	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	-	18	18	17	23	-	13
NLCZ3M	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NLWPG2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

NPVZC2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NU74DB	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
P4NE8H	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
P7VW8Y	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
PBQBKT	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
PV4L3J	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
PVDEC8	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
PXMMX7	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
Q6X3KE	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
Q7B3WU	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
QBH7RG	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
QD9V6N	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 2 - YSTR Results

QNBYKJ	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
QRUGKB	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
R3CW7V	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
R3PHMJ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
R3PLA8	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
R6CNW2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	-	18	18	17	23	-	13
RAAK4L	Yfiler™								
2	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
RG7QA9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
RGNMUV	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
RT6DPK	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
RTEF3H	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
RTZXCJ	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	

TABLE 3

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

Item 2 - YSTR Results

RXKLDJ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
RYQBD8	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
T6DHB7	Yfiler™ Plus								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
							23		13
TGZBF2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
TLCTMN	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
TPKPNK	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
TPRTUB	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
TUTX33	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
U28EYA	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
U3GFUJ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
UAE8Y4	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
UCK3R3	Yfiler™								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

UJP8UZ	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
UK2JJC	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
UNYHTM	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
URXYZN	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
UWQ7HX	Yfiler™								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
						23		13	
V3HGMU	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VDXJDZ	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
VER9RF	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
VGCAM2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VGEJG2	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VJJEFP	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VJMUVB	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	

TABLE 3

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

Item 2 - YSTR Results

VLEWXX	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
VM66UZ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
VMHQCP	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
VWCYQE	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
VWP63C	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
VXLYY3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
W4MGRY	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
W9HBPZ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WB9LQE	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WD7MB4	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WDRML2	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WGTQE9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 2 - YSTR Results

WKUM8P	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WME3GC	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WPYJGN	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WRRCPPE	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WVTEM3	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WZ8VAD	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
X2U2Y3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XD7D8Q	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XJ9KMT	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
XLHMJQ	PowerPlex® Y 23								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
XMV7FG	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XN4BVQ	Yfiler™								
2		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
XTX9KG	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
XV874Q	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
Y7LPTE	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
YB3XGE	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YG64TW	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
YGX2YH	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YHGWUQ	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YPXW9W	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YQAZ6E	Yfiler™								
2	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
YXPUTV	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z2A2U4	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z4B6J6	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
Z63BXC	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z63DJ9	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
Z67UJR	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z97WR3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
ZCKGTW	PowerPlex® Y 23								
2	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
ZFQ4KT	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
ZM4XK3	Yfiler™ Plus								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
ZZVKTJ	PowerPlex® Y 23, Signature Prep Primer Set B								
2	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
	12	12	18	18		23	10	13	

TABLE 3

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

Item 3 - YSTR Results

23HL4P	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
2JJXRM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
2MHUA9	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
2P9VFW	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3JG9XV	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3JZBT7	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
3L4WAV	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13
3NWFLV	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3QCPDM	Yfiler™ Plus, Investigator Argus Y/28 QS Kit								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	12	18	18	17	23	10	13
3RRGEW	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
3VD69A	Yfiler™								
3	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
44PN3T	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3 - YSTR Results

4A6FYK	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
4CWEDJ	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
4EYPGT	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
4FBNB3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
4FWKVV	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
4NVWKD	Yfiler™								
3	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
63N2AM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
66BLZY	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
6A29E4	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
6AK29M	Yfiler™								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
							23		13
6D467K	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
6NN9F6	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
732YVH	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
7FP2EB	Yfiler™								
3	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
7GJRKP	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
7Y9TLM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
88EYTA	Yfiler™								
3	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
899PYN	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
8GVYUC	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
8KV7E9	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
93CREP	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
9AVEEG	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
9JEDVQ	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
9MFUGF	Yfiler™								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13

TABLE 3

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

Item 3 - YSTR Results

9NB64N	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
9VEV2L	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
A6WWWUZ	Yfiler™								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
ABLAWN	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
ADCLGF	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AK42TC	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
AUDBG6	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AV89XC	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AZJ83Q	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
B7AWDF	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BHJL6Q	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BJ8K2U	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

BJAKJN	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
BPG3RP	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
BQUMQQ	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
BRQZAD	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CCKHKW	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
CJ6BKH	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
CTXUEB	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CWW6AB	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
CYEPU7	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
D3V8VM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
DGFNKK	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
DPTTGC	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

DREYXG	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
DTTR94	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
E4QZED	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EDEWC8	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
EDTHNV	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FB2X64	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FDQZGJ	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
FEE84M	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FGQAHD	Yfiler™								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FNNX6J	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FP9H7A	PowerPlex® Y 23								
3		inc	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13
FRLJRF	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21	16	17			23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3 - YSTR Results

FVPCQK	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
FWKXDJ	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
FWZYH8	PowerPlex® Y 23, Signature Prep - Primer Set B								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
		12	12	18	18		23	10	13
FXLJJX	Yfiler™								
3	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
G6VAF9	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
GD7TGK	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
GKMCQL	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
GLEB6J	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
GR8C7X	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
GV39PX	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
GXV8XU	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
HHWAKX	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

HHYDX9	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
HUPT2N	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
J26Y9E	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
JVWHTY	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
JZBCQA	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
K3RZLG	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KFJKAJ	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KHJWMB	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KKDL2Q	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
KNB7VN	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
KRENK6	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
KUEFBC	Yfiler™								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

L3DYBR	Yfiler™								
3	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
L9ZQFZ	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
LBHV4W	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
LBWYJ4	Yfiler™								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
LE2ZPD	Yfiler™								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
LEFGUE	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
LJXPAQ	Yfiler™								
3	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
LRM8U2	PowerPlex® Y 23, Sig Prep B								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
		12	12	18	18		23	10	13
LUZRT3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
LWZ8QR	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
M42RJF	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
MFD39Q	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3 - YSTR Results

MP4FCW	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
MUQFHC	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
MUUXNM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
MXQQDC	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
N63BR8	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
N6BWYP	Yfiler™								
3	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
NBWUKR	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
NDJHWR	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NHUAR6	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	-	18	18	17	23	-	13
NLCZ3M	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NLWPG2	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
NPVZC2	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

NU74DB	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
P4NE8H	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
P7VW8Y	Yfiler™								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17			
						23		13	
PBQBKT	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
PV4L3J	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
PVDEC8	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
PXMMX7	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Q6X3KE	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
Q7B3WU	Yfiler™								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17			
						23		13	
QBH7RG	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
QD9V6N	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
QNBYKJ	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	

TABLE 3

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

Item 3 - YSTR Results

R3CW7V	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
R3PHMJ	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
R3PLA8	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
RAAK4L	Yfiler™								
3	NA	16	11,13	13	30	25	11	11	13
	14	11	10	21	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	13
RG7QA9	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
RGNMUV	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
RTEF3H	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
RYQBD8	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
T6DHB7	Yfiler™								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		
							23		13
TGZBF2	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
TLCTMN	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
TPKPNK	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3 - YSTR Results

TUTX33	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
U28EYA	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
U3GFUJ	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
UAE8Y4	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
UCK3R3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
UNYHTM	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
URXYZN	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
UWQ7HX	Yfiler™								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
						23		13	
V3HGMU	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VDXJDZ	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
VGCAM2	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
VGEJG2	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	

TABLE 3

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

Item 3 - YSTR Results

VJJEFP	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
VLEWVX	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
VM66UZ	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
VMHQCP	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
VWP63C	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
VXLYY3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
W4MGRY	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WB9LQE	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WDRML2	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13
WKUM8P	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WME3GC	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
WRRCPPE	PowerPlex® Y 23								
3		16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17		23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3 - YSTR Results

WVTEM3	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
WZ8VAD	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
X2U2Y3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XD7D8Q	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XJ9KMT	Yfiler™								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17			
						23		13	
XLHMJQ	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
XMV7FG	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
XN4BVQ	Yfiler™								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17			
						23		13	
XTX9KG	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
XV874Q	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
Y7LPTE	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
YB3XGE	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13

TABLE 3

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

Item 3 - YSTR Results

YG64TW	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
YGX2YH	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YHGWUQ	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
YQAZ6E	Yfiler™								
3	N/A	16	11,13	13	30	25	11	11	13
	14	11	10	21	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
YXPUTV	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z2A2U4	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z4B6J6	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
Z63BXC	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z63DJ9	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
Z67UJR	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	
Z97WR3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
ZCKGTW	PowerPlex® Y 23								
3	16	11,13	13	30	25	11	11	13	
	14	10	21		16	17		23	
	12	12	18	18		23	10	13	

TABLE 3

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

Item 3 - YSTR Results

ZFQ4KT	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
ZM4XK3	Yfiler™ Plus								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
ZZVKTJ	PowerPlex® Y 23, Signature Prep Primer Set B								
3	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21		16	17	11	23
		12	12	18	18		23	10	13

TABLE 3

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

Item 3e - YSTR Results

3TJFTV	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
4AD4V8	Yfiler™ Plus								
3e	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
7CQMT7	Yfiler™ Plus								
3e	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
8VWHZ3	Yfiler™ Plus								
3e	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
94PAL3	Yfiler™ Plus								
3e	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
AJUWFN	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
DPP2XH	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
E4J6ED	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
EL9YMW	Yfiler™ Plus								
3e	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	18	18	17	23		13	
G693X6	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
H8U4FX	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	
K6GD4Y	PowerPlex® Y 23								
3e	16	11,13	13	30	25	11	11	13	
	14	11	10	21	16	17		23	
	12	12	18	18		23	10	13	

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 3e - YSTR Results										
MR8EMP	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12	NT	18	18	17	23	NT	13	
RT6DPK	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12	NT	18	18	17	23	NT	13	
RXKLDJ	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12	NT	18	18	17	23	NT	13	
UJP8UZ	PowerPlex® Y 23									
3e		16	11,13	13	30	25	11	11	13	
		14	11	10	21	16	17		23	
		12	12	18	18		23	10	13	
UK2JJC	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12		18	18	17	23		13	
VER9RF	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12	NT	18	18	17	23	NT	13	
VWCYQE	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12	NT	18	18	17	23	NT	13	
W9HBPZ	PowerPlex® Y 23									
3e		16	11,13	13	30	25	11	11	13	
		14	11	10	21	16	17		23	
		12	12	18	18		23	10	13	
WD7MB4	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12		18	18	17	23		13	
WPYJGN	Yfiler™ Plus									
3e	38,39	16	11,13	13	30	25	11	11	13	
	14	11	10	21	36	16	17	11	23	
	38	12		18	18	17	23		13	

TABLE 3

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

Item 3sp - YSTR Results

3TJFTV	PowerPlex® Y 23								
3sp	[Redacted]								
4AD4V8	Yfiler™ Plus								
3sp	38	NR	11	13	30	25	11	11	NR
	14	NR	10	NR	NR	16	17	NR	NR
	38	NR		NR	NR	17	23		NR
7CQMT7	Yfiler™ Plus								
3sp	38,39	16	11	13	30	NR	11	NR	NR
	14	11	NR	NR	36	16	17	NR	23
	38	12	NT	18	18	17	23	NT	13
8VWHZ3	Yfiler™ Plus								
3sp	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
94PAL3	Yfiler™ Plus								
3sp	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12		18	18	17	23		13
AJUWFN	PowerPlex® Y 23								
3sp	[Redacted]								
DPP2XH	PowerPlex® Y 23								
3sp	[Redacted]								
E4J6ED	PowerPlex® Y 23								
3sp	[Redacted]								
EL9YMW	Yfiler™ Plus								
3sp	NR	16	11,13	13	30	25	11	11	NR
	14	11	10	NR	36	16	17	NR	23
	38	NR		18	18	17	23		13
G693X6	PowerPlex® Y 23								
3sp	[Redacted]								
H8U4FX	PowerPlex® Y 23								
3sp		No Results	No Results	No Results	No Results	No Results	11	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
K6GD4Y									
3sp	[Redacted]								

TABLE 3

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

Item 3sp - YSTR Results

MR8EMP	Yfiler™ Plus								
3sp	NR	NR	NR	13	30	NR	NR	11	NR
	14	11	NR	NR	NR	16	17	NR	NR
	38	12	NT	NR	18	NR	23	NT	NR
RT6DPK	Yfiler™ Plus								
3sp	NR	NR	NR	NR	NR	NR	NR	11	NR
	NR	11	NR	NR	NR	NR	NR	NR	NR
	38	NR	NT	NR	NR	17	NR	NT	NR
RXKLDJ	Yfiler™ Plus								
3sp	39	16	11	NR	NR	NR	11	NR	13
	14	11	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NT	18	18	NR	NR	NT	NR
UJP8UZ	PowerPlex® Y 23								
3sp	[Redacted]								
UK2JJC	Yfiler™ Plus								
3sp	[Redacted]								
VER9RF	Yfiler™ Plus								
3sp	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
WVCYQE	Yfiler™ Plus								
3sp	38,39	16	11,13	13	30	25	11	11	13
	14	11	10	21	36	16	17	11	23
	38	12	NT	18	18	17	23	NT	13
W9HBPZ	PowerPlex® Y 23								
3sp	[Redacted]								
WD7MB4	Yfiler™ Plus								
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	No Results	No Results		No Results
WPYJGN	Yfiler™ Plus								
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	No Results	No Results		No Results

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4 - YSTR Results									
4EYPGT	PowerPlex® Y 23								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
9MFUGF	Yfiler™								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18			
						22,23		12	
LBWYJ4	Yfiler™								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18			
						22,23		12	
P7VW8Y	Yfiler™								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18			
						22,23		12	
PVDEC8	Yfiler™ Plus								
4	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
QBH7RG	PowerPlex® Y 23								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
U3GFUJ	PowerPlex® Y 23								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
Z63BXC	PowerPlex® Y 23								
4	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	

TABLE 3

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

Item 4e - YSTR Results

23HL4P	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
2JJXRM	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12,14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
2MHUA9	PowerPlex® Y 23								
4e		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
2P9VFW	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
3JG9XV	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
3JZBT7	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
3L4WAV	PowerPlex® Y 23								
4e		[14],15	[12,14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20		16,[17]	17,[18]		[23],27
		11,[12]	12,[13]	[17],20	16,[18]		22,[23]	[10],14	12
3MFC4W	Yfiler™ Plus								
4e									
3NWFLV	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
3QCPDM	Yfiler™ Plus, Investigator Argus Y-28 QS Kit								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	12,13	17,20	16,18	19,23	22,23	10,14	12
3RRGEW	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
3TJTFTV	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12

TABLE 3

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

Item 4e - YSTR Results

3VD69A	Yfiler™								
4e	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
44PN3T	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
4A6FYK	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
4AD4V8	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
4CWEDJ	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
4FBNB3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
4FWKVV	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
4NVWKD	Yfiler™								
4e	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
63N2AM	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
66BLZY	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
6A29E4	PowerPlex® Y 23								
4e									
6AK29M	Yfiler™								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		
							22,23		12

TABLE 3

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

Item 4e - YSTR Results

6D467K	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
6LVCYX	Yfiler™ Plus								
4e									
6NN9F6	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12,14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	31,32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
732YVH	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
7CQMT7	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
7FP2EB	Yfiler™								
4e	N/A	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	N/A	16,17	17,18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22,23	N/A	12
7GJRKP	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	23	10	11,13	13
	15	11,12	12	19,20		16,17	18		23,27
		11,12	13	17,20	16,18		23	10,14	12
7Y9TLM	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
88EYTA	Yfiler™								
4e	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
899PYN	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
8GVYUC	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14	11,12	12	19,20		16,17	17,18		27
		11,12	12,13	17,20	16,18		22,23	10,14	12
8KV7E9	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

8UML7Y	Yfiler™ Plus								
4e	34,36,38	14,15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
8VWHZ3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
93CREP	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
94PAL3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
96EE8U	Yfiler™ Plus								
4e									
9AVEEG	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
9JEDVQ	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
9NB64N	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
9VEV2L	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
A6WWUZ	Yfiler™								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
ABLAWN	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
ADCLGF	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

AJUWFN	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
AK42TC	PowerPlex® Y 23								
4e	15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17		23,27	
	11,12	12	17,20	16,18		22,23	10,14	12	
ALYP82	Yfiler™ Plus								
4e	36,38	15	15	13	31	22	10	11	13
	14	11	12	20	32	16	17	11	27
	39	11		20	16	19	22		12
AUDBG6	Yfiler™ Plus								
4e	(34),36,38	(14),15	(12),(14),15, 15	13	(29),31	22,(23)	10	11,(13)	13
	14,(15)	11,(12)	12	(19),20	(31),32	16,(17)	17,(18)	(10),11	(23),27
	(38),39	11,(12)		(17),20	16,(18)	19,(23)	22,(23)		12
AV89XC	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
AZJ83Q	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
B7AWDF	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
BHJL6Q	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
BJ8K2U	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
BJAKJN	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
BPG3RP	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
BQUMQQ	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

BRQZAD	PowerPlex® Y 23								
4e	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	16,[17]	17,[18]		[23],27	
		11,[12]	12,[13]	[17],20	16,[18]	22,[23]	[10],14	12	
CCKHKW	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
CJ6BKH	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
CTXUEB	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
CWW6AB	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
CYEPU7	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
D3V8VM	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
DDH7MT	Yfiler™ Plus								
4e									
DGFNKK	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11	12,13	20	16	22,23	10,14	12	
DPP2XH	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	8,10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,26,27,28	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
DPTTGC	Yfiler™ Plus								
4e	[34],36,38	14,15	[12],15	13	29,31	22,[23]	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,[17]	17,18	10,11	23,27
	38,39	11,[12]		17,20	16,18	19,23	22,[23]		12
DREYXG	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

DTR94	Yfiler™ Plus								
4e	34,36,38	14,15	[12],[14],15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
E4J6ED	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
E4QZED	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
EDEWC8	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,15	11,[12]	12	[19],20	31,32	16,[17]	17,[18]	10,11	23,27
	38,39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
EDQKLL	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
EDTHNV	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
EL9YMW	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
FB2X64	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
FDQZGJ	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
FEE84M	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
FGQAHD	Yfiler™								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
FNNX6J	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

FP9H7A	PowerPlex® Y 23								
4e	inc	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
FRLJRF	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
FVPCQK	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
FWKXDJ	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11	12,13	17,20	16,18	22,23	10,14	12	
FWZYH8	PowerPlex® Y 23, Signature Prep - Primer Set B								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
		11,12	12,13	17,20	16,18	22,23	10,14	12	
FXLJX	Yfiler™								
4e	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
G4F6RJ	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32,33	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
G693X6	PowerPlex® Y 23								
4e	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	16,[17]	17,[18]		[23],27	
		11,[12]	12,[13]	[17],20	16,[18]	22,[23]	[10],14	12	
G6VAF9	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
GD7TGK	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
GLEB6J	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
GR8C7X	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

GV39PX	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
GXV8XU	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
H8U4FX	PowerPlex® Y 23								
4e	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,12	12	[19],20	16,17	17,18		[23],27	
	11,[12]	12,[13]	17,20	16,[18]		22,23	[10],14	12	
HHWAKX	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
HHYDX9	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
HJ6QBF	Yfiler™ Plus								
4e									
J26Y9E	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
JVWHTY	Yfiler™ Plus								
4e	(34),36,38	(14),15	(12),(14),15, 15	13	(29),31	22,(23)	10	11,(13)	13
	14,(15)	11,(12)	12	(19),20	(31),32	16,(17)	17,(18)	(10),11	(23),27
	(38),39	11,(12)		(17),20	16,(18),(19)	19,(23)	22,(23)		12
JZBCQA	Yfiler™ Plus								
4e	34,36,38	15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
K3RZLG	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
K6GD4Y	PowerPlex® Y 23								
4e	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	16,[17]	17,[18]		[23],27	
	11,[12]	12,[13]	[17],20	16,[18]		22,[23]	[10],14	12	
KHJWMB	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	

TABLE 3

WebCode	Amplification Kit									
	Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 4e - YSTR Results										
KKDL2Q	PowerPlex® Y 23									
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20		16,17	17,18		23,27	
		11,12	12,13	17,20	16,18		22,23	10,14	12	
KNB7VN	Yfiler™ Plus									
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27	
	38,39	11,12		17,20	16,18	19,23	22,23		12	
KRENK6	Yfiler™ Plus									
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27	
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12	
KUEFBC	Yfiler™									
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27	
	38,39	11,12		17,20	16,18	19,23	22,23		12	
L3DYBR	Yfiler™									
4e	N/A	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	N/A	16,17	17,18	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	22,23	N/A	12	
L9ZQFZ	Yfiler™ Plus									
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27	
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12	
LBHV4W	PowerPlex® Y 23									
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20		16,17	17,18		23,27	
		11,12	12,13	17,20	16,18		22,23	10,14	12	
LE2ZPD	Yfiler™									
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20		16,17	17,18			
							22,23		12	
LEFGUE	PowerPlex® Y 23									
4e		14,15	12,14,15	13	31	22,23	10	11,13	13	
	14,15	11,12	12	19,20		16,17	17,18		23,27	
		11,12	12,13	17,20	16,18		22	10,14	12	
LJXPAQ	Yfiler™									
4e	N/A	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	N/A	16,17	17,18	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	22,23	N/A	12	
LRM8U2	PowerPlex® Y 23, Sig Prep B									
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20		[14],16,17	17,18		23,27	
		11,12	12,13	17,20	16,18		22,23	14	12	
LUZRT3	Yfiler™ Plus									
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13	
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27	
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12	

TABLE 3

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

Item 4e - YSTR Results

LWZ8QR	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
M42RJF	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	17,20	16,18	19,23	22,23		12	
M76JHF	Yfiler™ Plus								
4e									
MCQCUF	Yfiler™ Plus								
4e									
MFD39Q	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
MP4FCW	PowerPlex® Y 23								
4e	(14),15	(12),(14),15	13	(29),31	22,(23)	10	11,(13)	13	
	14,(15)	11,(12)	12	(19),20	16,(17)	17,(18)		(23),27	
	11,(12)	12,(13)	(17),20	16,(18)		22,(23)	(10),14	12	
MR8EMP	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
MUQFHC	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
MUUXNM	Yfiler™ Plus								
4e	[34],36,[38]	14,15	[12,14],15	13	29,31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	19,20	[31],32	16,[17]	17,[18]	10,11	23,27
	[38],39	11,[12]		17,20	16,[18]	19,[23]	22,[23]		12
MXQQDC	PowerPlex® Y 23								
4e	14,15	12,15	13	29,31	22	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12	17,20	16,18		22	10,14	12	
MZCEPC	Yfiler™								
4e									
N63BR8	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	

TABLE 3

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

Item 4e - YSTR Results

N6BWYP	Yfiler™									
	4e	N/A	14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	N/A	16,17	17,18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22,23	N/A	12	
NBWUKR	PowerPlex® Y 23									
	4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12	
NDJHWR	Yfiler™ Plus									
	4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12	
NLCZ3M	Yfiler™ Plus									
	4e									
NLWPG2	Yfiler™ Plus									
	4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12	
NPVZC2	Yfiler™ Plus									
	4e	[34],36,38	[14],15	[12,14],15	13	[29],31	22,[23]	10	11,[13]	13
		14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12	
NU74DB	PowerPlex® Y 23									
	4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12	
P4NE8H	Yfiler™ Plus									
	4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12	
PBQBKT	PowerPlex® Y 23									
	4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12	
PV4L3J	PowerPlex® Y 23									
	4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12	
PXMMX7	PowerPlex® Y 23									
	4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12	
Q6X3KE	Yfiler™ Plus									
	4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
		14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4e - YSTR Results									
Q7B3WU	Yfiler™								
4e	14,15	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		
							22,23		12
QD9V6N	PowerPlex® Y 23								
4e	14,15	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
QNBYKJ	PowerPlex® Y 23								
4e	14,15	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
R3CW7V	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
R3PHMJ	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
R3PLA8	PowerPlex® Y 23								
4e	14,15	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
R6CNW2	Yfiler™ Plus								
4e									
RAAK4L	Yfiler™								
4e	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
RG7QA9	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
RGNMUV	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
RT6DPK	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
RTEF3H	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

RXKLDJ	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
RYQBD8	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
T6DHB7	Yfiler™								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		
							22,23		12
TEC8XA	Yfiler™ Plus								
4e									
TGZBF2	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
TLCTMN	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
TPKPNK	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
TUTX33	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
U28EYA	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
UAE8Y4	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
UCK3R3	Yfiler™								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
UJP8UZ	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12

TABLE 3

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

Item 4e - YSTR Results

UK2JJC	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
UNYHTM	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
URXYZN	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
UWQ7HX	Yfiler™								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		
							22,23		12
V3HGMU	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
VDXJDZ	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
VER9RF	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
VGCAM2	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
VGEJG2	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
VJJEFP	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
VJMUVB	Yfiler™ Plus								
4e									
VLEWVX	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12

TABLE 3

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

Item 4e - YSTR Results

VM66UZ	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
VMHQCP	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	39	11,12	17,20	16,18	19,23	22,23			12
WVCYQE	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12	NT	17,20	16,18	19,23	22,23	NT	12
WVP63C	PowerPlex® Y 23								
4e		[14],15	[14],15,15	13	[29],31	22,[23]	10	11	13
	14	11,[12]	12	[19],20		16,[17]	17,[18]		[23],[26],27
		11,[12]	12,[13]	[17],20	16,[18]		22	14	12
VXLYY3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
W4MGRY	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
W9HBPZ	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
WB9LQE	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
WD7MB4	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
WDRML2	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
WGTQE9	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

WKUM8P	Yfiler™ Plus								
4e	[34],36,[38]	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
WME3GC	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
WPYJGN	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
WRRCPPE	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	16,17	17,18			23,27
		11,12	12,13	17,20	16,18	22,23	10,14		12
WVTEM3	PowerPlex® Y 23								
4e		[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	16,[17]	17,[18]			[23],27
		11,[12]	12,[13]	20	16,[18]	22,[23]	[10],14		12
WZ8VAD	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	16,17	17,18			23,27
		11,12	12,13	17,20	16,18	22,23	10,14		12
X2U2Y3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
XD7D8Q	Yfiler™ Plus								
4e									
XJ9KMT	Yfiler™								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	16,17	17,18			
						22,23			12
XLHMJQ	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	16,17	17,18			23,27
		11,12	12,13	17,20	16,18	22,23	10,14		12
XMV7FG	Yfiler™ Plus								
4e	(34),36,38	(14),15	(12),(14),15,15	13	(29),31	22,(23)	10	11,(13)	13
	14,(15)	11,(12)	12	(19),20	(31),32	16,(17)	17,(18)	(10),11	(23),27
	(38),39	11,(12)		(17),20	16,(18)	19,(23)	22,(23)		12

TABLE 3

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

Item 4e - YSTR Results

XN4BVQ	Yfiler™								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		
							22,23		12
XTX9KG	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
XV874Q	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12,14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
Y7LPTE	PowerPlex® Y 23								
4e		15	15,15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12
YB3XGE	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
YG64TW	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
YGX2YH	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
YHGWUQ	Yfiler™ Plus								
4e	[34],36,38	[14],15	[12],[14],15	13	[29],31	22,[23]	10	11,[13]	13
	14,[15]	11,[12]	12	[19],20	[31],32	16,[17]	17,[18]	[10],11	[23],27
	[38],39	11,[12]		[17],20	16,[18]	19,[23]	22,[23]		12
YQAZ6E	Yfiler™								
4e	N/A	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	N/A	16,17	17,18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	22,23	N/A	12
YXPUTV	PowerPlex® Y 23								
4e		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	17,18		23,27
		11,12	12,13	17,20	16,18		22,23	10,14	12
Z63DJ9	Yfiler™ Plus								
4e	34,36,38	14,15	12,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
Z67UJR	PowerPlex® Y 23								
4e		15	15	13	31	22	10	11	13
	14	11	12	20		16	17		27
		11	12	20	16		22	14	12

TABLE 3

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

Item 4e - YSTR Results

ZCKGTW	PowerPlex® Y 23								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
ZFQ4KT	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
ZM4XK3	Yfiler™ Plus								
4e	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
ZPAFJY	Yfiler™ Plus								
4e									
ZZVKTJ	PowerPlex® Y 23, Signature Prep Primer Set B								
4e	14,15	12,14,15	13	29,31	22,23	10	11,13	13	
	14,15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	

TABLE 3

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

Item 4sp - YSTR Results

23HL4P	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
2JJXRM	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
2MHUA9	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
2P9VFW	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
3JG9XV	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	[11],12	12	19,[20]	31	[16],17	[17],18	10	23
	38,[39]	12		17	18	23	23		12
3JZBT7	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
3L4WAV	PowerPlex® Y 23								
4sp		14	12,14	13	29,[31]	23	10	13	13
	15	12	12	19		17	18		23
		[11],12	13	17	18		23	10	12
3MFC4W	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
3NWFLV	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
3QCPDM	Yfiler™ Plus, Investigator Argus Y-28 QS Kit								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	13	17	18	23	23	10	12
3RRGEW	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	16,18	19,23	23		12
3TJFTV	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12

TABLE 3

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

Item 4sp - YSTR Results

3VD69A	Yfiler™								
4sp	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
44PN3T	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
4A6FYK	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
4AD4V8	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
4CWEDJ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
4FBNB3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
4FWKVV	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
4NVWKD	Yfiler™								
4sp	NA	14	12,14	13	29	23	10	13	13
	15	12	12	19	NA	17	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
63N2AM	Yfiler™ Plus								
4sp	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
66BLZY	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
6A29E4	Yfiler™								
4sp		14,[15]	12,14	13	29	23	10	13	13
	15	12	12	19		[16],17	18		23
		12	13	17,[20]	18		23	10,[14]	12
6AK29M	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		
							23		12

TABLE 3

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

Item 4sp - YSTR Results

6D467K	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
6LVCYX	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
6NN9F6	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
732YVH	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
7CQMT7	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
7FP2EB	Yfiler™								
4sp	N/A	14	12,14,15	13	29	23	10	13	13
	15	11,12	12	19	N/A	17	18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
7GJRP	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
7Y9TLM	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
88EYTA	Yfiler™								
4sp	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
899PYN	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
8GVYUC	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
8KV7E9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

8UML7Y	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
8VWHZ3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
93CREP	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
94PAL3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
96EE8U	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
9AVEEG	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
9JEDVQ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	11,13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	16,18	23	23		12
9NB64N	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
9VEV2L	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
A6WWUZ	Yfiler™								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
ABLAWN	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
ADCLGF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

AJUWFN	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
AK42TC	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
ALYP82	Yfiler™ Plus								
4sp									
AUDBG6	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13,(15)	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
AV89XC	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
AZJ83Q	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
B7AWDF	Yfiler™ Plus								
4sp	34,36,38	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	31,32	16,17	17,18	10,11	23,27
	38,39	11,12		17,20	16,18	19,23	22,23		12
BHJL6Q	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
BJ8K2U	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
BJAKJN	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
BPG3RP	PowerPlex® Y 23								
4sp	14	12,14	13	29,31	22,23	10	11,13	13	
	15	11,12	12	19,20	16,17	17,18		23,27	
	11,12	12,13	17,20	16,18		22,23	10,14	12	
BQUMQQ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

BRQZAD	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19		17	18		23
		12	13	17	[16],18		23	10	12
CCKHKW	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
CJ6BKH	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
CTXUEB	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
CWW6AB	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
CYEPU7	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
D3V8VM	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
DDH7MT	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
DGFNKK	PowerPlex® Y 23								
4sp	14,15	12,14	13	29	23	10	13	13	
	15	11,12	12	19		17	18		23
		12	12,13	17	18		23	10	12
DPP2XH	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
DPTTGC	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
DREYXG	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

DTR94	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
E4J6ED	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
E4QZED	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
EDEWC8	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
EDQKKL	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
EDTHNV	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
EL9YMW	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
FB2X64	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
FDQZGJ	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
FEE84M	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
FGQAHD	Yfiler™								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
FNNX6J	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

FP9H7A	PowerPlex® Y 23								
4sp	inc	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
		12	13	17	18	23	10	12	
FRLJRF	PowerPlex® Y 23								
4sp	14,15	12,14,15	13	29	23	10	11,13	13	
	14,15	11,12	12	19	16,17	17,18		23	
		11,12	13	17	16,18	23	10,14	12	
FVPCQK	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
FWKXDJ	PowerPlex® Y 23								
4sp	14	12,14,15	13	29	23	10	13	13	
	15	12	12	19	17	17,18		23	
		12	13	17	18	23	10	12	
FWZYH8	PowerPlex® Y 23, Signature Prep - Primer Set B								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	17	18	10	23	
		12	13	17	18	23	10	12	
FXLJX	Yfiler™								
4sp	NA	14	12,14,15	13	29	23	10	13	13
	14,15	11,12	12	19	NA	17	18	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	12
G4F6RJ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
G693X6	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
		12	13	17	18	23	10	12	
G6VAF9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
GD7TGK	Yfiler™ Plus								
4sp	34,36,[38]	14,[-]	12,14,[15]	13	29,[-]	23,[-]	10	[11],13	13
	[14],15	[11],12	12	19,[-]	31,[32]	16,17	18,[-]	10,[11]	23,[27]
	38,[39]	[11],12		17,[-]	[16],18	[19],23	23,[-]		12
GLEB6J	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
GR8C7X	Yfiler™ Plus								
4sp	34,36,[38]	14	12,14,[15]	13	29	[22],23	10	13	13
	[14],15	12	12	19	31	17	18	10	23,[27]
	38,[39]	12		17	18	[19],23	23		12

TABLE 3

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

Item 4sp - YSTR Results

GV39PX	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
GXV8XU	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
H8U4FX	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
HHWAKX	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
HHYDX9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
HJ6QBF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
J26Y9E	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
JVWHTY	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
JZBCQA	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
K3RZLG	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
K6GD4Y	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
KHJWMB	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	

TABLE 3

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

Item 4sp - YSTR Results

KKDL2Q	PowerPlex® Y 23									
	4sp	14	12,14	13	29	23	10	13	13	
		15	12	12	19	17	18		23	
		12	13	17	18		23	10	12	
KNB7VN	Yfiler™ Plus									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12	
KRENK6	Yfiler™ Plus									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12	
KUEFBC	Yfiler™									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12	
L3DYBR	Yfiler™									
	4sp	N/A	14	12,14,15	13	29,31	23	10	13	13
		15	12	12	19	N/A	17	18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12	
L9ZQFZ	Yfiler™ Plus									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12	
LBHV4W	PowerPlex® Y 23									
	4sp	14	12,14	13	29	23	10	13	13	
		15	12	12	19	17	18		23	
		12	13	17	18		23	10	12	
LE2ZPD	Yfiler™									
	4sp	14	12,14	13	29	23	10	13	13	
		15	12	12	19	17	18			
							23		12	
LEFGUE	PowerPlex® Y 23									
	4sp	14	12,14	13	29,31	23	10	11,13	13	
		14,15	11,12	12	19	17	18		23	
		11,12	12,13	17	18		23	10,14	12	
LJXPAQ	Yfiler™									
	4sp	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	N/A	N/A	N/A	N/A	
LRM8U2	PowerPlex® Y 23, Sig Prep B									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	17	18	10	23	
		12	13	17	18		23	10	12	
LUZRT3	Yfiler™ Plus									
	4sp	34,36	14	12,14	13	29	23	10	13	13
		15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12	

TABLE 3

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

Item 4sp - YSTR Results

LWZ8QR	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
M42RJF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
M76JHF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
MCQCUF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
MFD39Q	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
MP4FCW	PowerPlex® Y 23								
4sp	14	12,14,(15)	13	29	(22),23	10	(11),13	13	
	(14),15	(11),12	12	19,(20)	(16),17	(17),18		23,(27)	
	(11),12	(12),13	17	18		(22),23	10,(14)	12	
MR8EMP	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
MUQFHC	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
MUUXNM	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
MXQQDC	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
MZCEPC	Yfiler™								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
N63BR8	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 4sp - YSTR Results									
N6BWYP	Yfiler™								
4sp	N/A	14,15	12,14	13	29,31	22,23	10	13	13
	15	11,12	12	19,20	N/A	17	17,18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
NBWUKR	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
NDJHWR	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
NLCZ3M	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
NLWPG2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17,[18]	18	23,[24]	23		12
NPVZC2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
NU74DB	PowerPlex® Y 23								
4sp		14	12,14,15	13	29	23	10	13	13
	15	12	12	19		16,17	18		23
		12	12,13	17	18		23	10	12
P4NE8H	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
PBQBKT	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
PV4L3J	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23,27
		12	12,13	17	18		23	10,14	12
PXMMX7	PowerPlex® Y 23								
4sp		14,[15]	12,14,[15]	13	29,[31]	23	10	13	13
	15	12	12	19		[16],17	18		23,[27]
		[11],12	13	17	[16],18		[22],23	10	12
Q6X3KE	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

Q7B3WU	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
		15	12	12	19	17	18		
							23		12
QD9V6N	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
		15	12	12	19	17	18		23
			12	13	17	18	23	10	12
QNBYKJ	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
		15	12	12	19	17	18		23
			12	13	17	18	23	10	12
R3CW7V	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31,[32]	17	18	10	23
	38	12		17	18	[19],23	23		12
R3PHMJ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
R3PLA8	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
		15	12	12	19	17	18		23
			12	13	17	18	23	10	12
R6CNW2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	-	17	18	23	23	-	12
RAAK4L	Yfiler™								
4sp	NA	14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20	NA	16,17	17,18	NA	NA
	NA	NA	NA	NA	NA	NA	22,23	NA	12
RG7QA9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
RGNMUV	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
RT6DPK	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
RTEF3H	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

RXKLDJ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
RYQBD8	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
T6DHB7	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		
							23		12
TEC8XA	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
TGZBF2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38,38	12		17	18	23	23		12
TLCTMN	Yfiler™ Plus								
4sp	34,36	14	12,14,15	13	29	23	10	13	13
	15	12	12	19	31	16,17	18	10	23
	38	12		17	18	23	23		12
TPKPNK	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
TUTX33	PowerPlex® Y 23								
4sp		14	12,14,15	13	29,31	22,23	10	13	13
	15	12	12	19,20		17	18		23
		12	13	17	16,18		23	10,14	12
U28EYA	Yfiler™ Plus								
4sp	34,36,[-]	14,[-]	12,14,[-]	13,[-]	29,[-]	23,[-]	10,[-]	[11],13	13,[-]
	[14],15	12,[-]	12,[-]	19,[-]	31,[32]	[16],17	18,[-]	10,[-]	23,[-]
	38,[-]	12,[-]		17,[-]	[16],18	23,[-]	23,[-]		12,[-]
UAE8Y4	PowerPlex® Y 23								
4sp		14,[15]	12,14,[15]	13	29,[31]	23	10	[11],13	13
	14,15	[11],12	12	19		[16],17	[17],18		23,[27]
		12	[12],13	17	18		23	10	12
UCK3R3	Yfiler™								
4sp	34,36	14	12,14	13	29	23	10	11,13	13
	14,15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
UJP8UZ	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12

TABLE 3

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

Item 4sp - YSTR Results

UK2JJC	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
UNYHTM	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
URXYZN	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
UWQ7HX	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		
							23		12
V3HGMU	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
VDXJDZ	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
VER9RF	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
VGCAM2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
VGEJG2	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	14,15	12	12	19	31	17	17,18	10	23
	38,39	12		17	18	23	22,23		12
VJJEFP	Yfiler™ Plus								
4sp	34,36	14	12,14,15	13	29	23	10	13	13
	15	12	12	19	31,32	16,17	18	10	23
	38	12		17	18	23	23		12
VJMUVB	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
VLEWVX	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	(11),13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

VM66UZ	PowerPlex® Y 23								
4sp	14,15	12,14,15	13	29,31	23	10	13	13	
	14,15	12	12	19,20	17	18		23	
	12	13	17	18		23	10,14	12	
VMHQCP	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
WVCYQE	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12	NT	17	18	23	23	NT	12
VWP63C	PowerPlex® Y 23								
4sp									
VXLYY3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
W4MGRY	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
W9HBPZ	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
WB9LQE	PowerPlex® Y 23								
4sp	14	12,14	13	29	23	10	13	13	
	15	12	12	19	17	18		23	
	12	13	17	18		23	10	12	
WD7MB4	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
WDRML2	PowerPlex® Y 23								
4sp	14,15	12,14,15	13	29	23	10	11,13	13	
	15	12	12	19	16,17	18		23	
	12	13	17	18		23	10	12	
WGTQE9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
WKUM8P	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

WME3GC	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
WPYJGN	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
WRRCPPE	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
WVTEM3	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
WZ8VAD	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
X2U2Y3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
XD7D8Q	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
XJ9KMT	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		
							23		12
XLHMJQ	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
XMV7FG	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
XN4BVQ	Yfiler™								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		
							23		12
XTX9KG	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12

TABLE 3

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

Item 4sp - YSTR Results

XV874Q	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
Y7LPTE	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
YB3XGE	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
YG64TW	PowerPlex® Y 23								
4sp		14,15	12,14	13	29,31	23	10	13	13
	15	11,12	12	19		17	18		23
		12	13	17	18		22,23	10	12
YGX2YH	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
YHGWUQ	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
YQAZ6E	Yfiler™								
4sp	N/A	14	12,14	13	29,31	23	10	13	13
	15	11,12	12	19,20	N/A	16,17	18	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	12
YXPUTV	PowerPlex® Y 23								
4sp		14,15	12,14,15	13	29,31	22,23	10	11,13	13
	14,15	11,12	12	19,20		16,17	18		23,27
		11,12	12,13	17,20	16,18		23	10,14	12
Z63DJ9	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
Z67UJR	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
ZCKGTW	PowerPlex® Y 23								
4sp		14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18		23
		12	13	17	18		23	10	12
ZFQ4KT	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12

TABLE 3

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

Item 4sp - YSTR Results

ZM4XK3	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
ZPAFJY	Yfiler™ Plus								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19	31	17	18	10	23
	38	12		17	18	23	23		12
ZZVKTJ	PowerPlex® Y 23, Signature Prep Primer Set B								
4sp	34,36	14	12,14	13	29	23	10	13	13
	15	12	12	19		17	18	10	23
		12	13	17	18		23	10	12

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D17S1301	FWZYH8	12,14	12,14	12,14					12
	LRM8U2	12,14	12,14	12,14					12
	ZZVKTJ	12,14	12,14	12,14					12
D20S482	FWZYH8	14,15	14,15	14,15					13,14
	LRM8U2	14,15	14,15	14,15					13,14
	ZZVKTJ	14,15	14,15	14,15					13,14
D4S2408	FWZYH8	10,11	9,10	9,10					8,11
	LRM8U2	10,11	9,10	9,10					8,11
	ZZVKTJ	10,11	9,10	9,10					8,11
D9S1122	FWZYH8	11,13	11,12	11,12					12,13
	LRM8U2	11,13	11,12	11,12					12,13
	ZZVKTJ	11,13	11,12	11,12					12,13
DXS10074	FWZYH8	15	15	15					15
	LRM8U2	15	15	15					15
	ZZVKTJ	15	15	15					15
DXS10103	FWZYH8	16	20	20					16
	LRM8U2	16	20	20					16
	ZZVKTJ	16	20	20					16
DXS10135	FWZYH8	21	21	21					27
	LRM8U2	21	21	21					27
	ZZVKTJ	21	21	21					27
DXS7132	FWZYH8	14	14	14					14
	LRM8U2	14	14	14					14
	ZZVKTJ	14	14	14					14
DXS7423	FWZYH8	16	16	16					14
	LRM8U2	16	16	16					14
	ZZVKTJ	16	16	16					14

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DXS8378	FWZYH8	12	12	12					12
	LRM8U2	12	12	12					12
	ZZVKTJ	12	12	12					12
DYS505	FWZYH8	13	13	13					12
	LRM8U2	13	13	13					12
	ZZVKTJ	13	13	13					12
DYS522	FWZYH8	11	10	10					11
	LRM8U2	11	10	10					11
	ZZVKTJ	11	10	10					11
DYS612	FWZYH8	29	31	31					32
	LRM8U2	29	31	31					32
	ZZVKTJ	29	31	31					32
HPRTB	FWZYH8	12	11	11					13
	LRM8U2	12	11	11					13
	ZZVKTJ	12	11	11					13
QS1	GMAVRJ	Q	Q		Q	Q		Q	Q
	KW4EHZ	Q	Q	Q				Q	Q
QS2	GMAVRJ	S	S		S	S		S	S
	KW4EHZ	S	S	S				S	S
RS10495407	7GJRKP		A,G						
	899PYN		A,G						
	MFD39Q		A,G						
	VM66UZ		A,G						
RS1294331	7GJRKP		A,G						
	899PYN		A,G						
	MFD39Q		A,G						
	VM66UZ		A,G						
RS1490413	7GJRKP		A,G						
	899PYN		A,G						

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
RS1490413 cont'd	MFD39Q		A,G						
	VM66UZ		A,G						
RS560681	7GJRP		A						
	899PYN		A						
	MFD39Q		A						
	VM66UZ		A						
RS891700	7GJRP		A,G						
	899PYN		A,G						
	MFD39Q		A,G						
	VM66UZ		A,G						

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16027.0	16183.0	16189.0	16193.0	16193.1	16223.0	16260.0	16327.0
ITEM 1								
4A6FYK		C	C			T	T	T
4AQTNX		C	C			T	T	T
4EYPGT		C	C		C	T	T	T
6R2A2B		C	C			T	T	T
7HQ8FA		C	C			T	T	T
863J6B		C	C			T	T	T
8DBM3F		C	C			T	T	T
8JMX8A		C	C			T	T	T
9AVEEG		C	C			T	T	T
ALYP82		C	C			T	T	T
F79TCZ		C	C			T	T	T
F7J62B		C	C			T	T	T
FB2X64		C	C			T	T	T
FLHHPZ		C	C			T	T	T
J6G4HU		C	C			T	T	T
KPM9T4		C	C			T	T	T
LBWYJ4		C	C			T	T	T
LD6E6U		C	C			T	T	T
LK8Z64	N	C	C			T	T	T
MCUYBT		C	C			T	T	T
MV3TQZ		C	C			T	T	T
MX7YAT		C	C			T	T	T
NGHX3U		C	C			T	T	T
P3VKBY		C	C			T	T	T
QBH7RG		C	C			T	T	T
QHN3TM		C	C			T	T	T
RN4XUW		C	C		C	T	T	T
TGZBF2		C	C	.1C		T	T	T
WME3GC		C	C			T	T	T
XWZJMR		C	C			T	T	T
Y3LXQN		C	C			T	T	T

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

	16027.0	16183.0	16189.0	16193.0	16193.1	16223.0	16260.0	16327.0
ITEM 2								
4A6FYK		C	C			T	T	T
4AQTNX		C	C			T	T	T
4EYPGT		C	C		C	T	T	T
6R2A2B		C	C			T	T	T
7HQ8FA		C	C			T	T	T
863J6B		C	C			T	T	T
8DBM3F		C	C			T	T	T
8JMX8A		C	C			T	T	T
9AVEEG		C	C			T	T	T
ALYP82		C	C			T	T	T
F79TCZ		C	C			T	T	T
F7J62B		C	C			T	T	T
FB2X64		C	C			T	T	T
FLHHPZ		C	C			T	T	T
J6G4HU		C	C			T	T	T
KPM9T4		C	C			T	T	T
LBWYJ4		C	C			T	T	T
LD6E6U		C	C			T	T	T
LK8Z64	N	C	C			T	T	T
MCUYBT		C	C			T	T	T
MV3TQZ		C	C			T	T	T
MX7YAT		C	C			T	T	T
NGHX3U		C	C			T	T	T
P3VKBY		C	C			T	T	T
QBH7RG		C	C			T	T	T
QHN3TM		C	C			T	T	T
RN4XUW		C	C			T	T	T
TGZBF2		C	C	.1C		T	T	T
WME3GC		C	C			T	T	T
XWZJMR		C	C			T	T	T
Y3LXQN		C	C			T	T	T

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16183.0	16189.0	16193.0	16193.1	16223.0	16260.0	16327.0
ITEM 3							
4AQTNX	C	C			T	T	T
4EYPGT	C	C		C	T	T	T
6R2A2B	C	C			T	T	T
7HQ8FA	C	C			T	T	T
863J6B	C	C			T	T	T
8DBM3F	C	C			T	T	T
8JMX8A	C	C			T	T	T
9AVEEG	C	C			T	T	T
F79TCZ	C	C			T	T	T
F7J62B	C	C			T	T	T
FB2X64	C	C			T	T	T
FLHHPZ	C	C			T	T	T
J6G4HU	C	C			T	T	T
KPM9T4	C	C			T	T	T
LBWYJ4	C	C			T	T	T
LD6E6U	C	C			T	T	T
LK8Z64	C	C			T	T	T
MCUYBT	C	C			T	T	T
MV3TQZ	C	C			T	T	T
MX7YAT	C	C			T	T	T
NGHX3U	C	C			T	T	T
P3VKBY	C	C			T	T	T
QBH7RG	C	C			T	T	T
QHN3TM	C	C			T	T	T
TGZBF2	C	C	.1C		T	T	T
WME3GC	C	C			T	T	T
Y3LXQN	C	C			T	T	T

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16183.0	16189.0	16223.0	16260.0	16327.0
ITEM 4					
LK8Z64		Y			
WME3GC	C	C	T	T	T

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4A6FYK	16024-16569	16024-16569		
4AQTNX	16024-16365	16024-16365	16024-16365	16024-16365
4EYPGT	16050-16350	16050-16350	16050-16350	
6R2A2B	16003-16355, 16532-16548	16003-16355	16003-16355	
7HQ8FA	16003-16569	16003-16569	16003-16380	
863J6B	16015-16376	16015-16376	16015-16376	INC
8DBM3F	16026-16569	16024-16569	16024-16387	Inconclusive
8JMX8A	16017-16376	16014-16377	16014-16377	Inconclusive
9AVEEG	16033 - 16358	16033 - 16358	16033 - 16358	
ALYP82	16024-16569	16024-16569		
F79TCZ	16001-16382	16014-16382	16014-16376	INC
F7J62B	16024-16569	16024-16569	16024-16569	
FB2X64	16019-16374	16019-16374	16019-16374	
FLHHPZ	16017-16377	16015-16379	16017-16379	INC
J6G4HU	16015-16376	16014-16377	16009-16377	INC
KPM9T4	16024-16569	16024-16569	16024-16569	Inconclusive
LBWYJ4	16024-16569	16024-16569	16024-16569	Inconclusive
LD6E6U	16005-16387	16001-16385	16021-16386	INC
LK8Z64	16024-16388	16024-16388	16024-16374	16024-16391
MCUYBT	16014-16377	16014-16377	16021-16377	INC
MV3TQZ	16024-16388	16024-16388	16024-16386	inconclusive
MX7YAT	16003-16569	16003-16569	16003-16355	
NGHX3U	16008-16366	16002-16369	16015-16377	Inconclusive
P3VKBY	16024-16569	16024-16569	16024-16391	inconclusive
QBH7RG	16000-16390	16000-16390	16000-16390	
QHN3TM	16017-16376	16014-16377	16014-16377	INCONCLUSIVE

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
RN4XUW	15998-16400	15998-16400		
TGZBF2	16025-16410	16025-16410	16025-16410	
WME3GC	16001-16400	16001-16400	16001-16400	16001-16400
XWZJMR	15998-16400	15998-16400		
Y3LXQN	16024-16388	16024-16389	16024-16388	Inconclusive

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	150.0	189.0	200.0	263.0	309.0	309.1	315.0	315.1	573.0
ITEM 1										
4A6FYK	G	T	G	G	G		C		C	
4AQTNX	G	T	G	G	G		C		C	
4EYPGT	G	T	G	G	G		C		C	
6R2A2B	G	T	G	G	G		C		C	
7HQ8FA	G	T	G	G	G		C		C	
863J6B	G	T	G	G	G		C		C	
8DBM3F	G	T	G	G	G					
8JMX8A	G	T	G	G	G		C		C	
9AVEEG	G	T	G	G	G	.1C		.1C		
ALYP82	G	T	G	G	G		C		C	
F79TCZ	G	T	G	G	G		C		C	
F7J62B	G	T	G	G	G					
FB2X64	G	T	G	G	G		C		C	
FLHHPZ	G	T	G	G	G		C		C	
J6G4HU	G	T	G	G	G		C		C	
KPM9T4	G	T	G	G	G					
LBWYJ4	G	T	G	G	G					N
LD6E6U	G	T	G	G	G		C		C	
LK8Z64	G	T	G	G	G					
MCUYBT	G	T	G	G	G		C		C	
MV3TQZ	G	T	G	G	G					
MX7YAT	G	T	G	G	G		C		C	
NGHX3U	G	T	G	G	G		C		C	
P3VKBY	G	T	G	G	G					
QBH7RG	G	T	G	G	G		C		C	
QHN3TM	G	T	G	G	G		C		C	
RN4XUW	G	T	G	G	G		C		C	
TGZBF2	G	T	G	G	G	.1C		.1C		
WME3GC	G	T	G	G	G	.1C		.1C		
XWZJMR	G	T	G	G	G		C		C	
Y3LXQN	G	T	G	G	G					

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	51.0	73.0	150.0	189.0	200.0	263.0	309.0	309.1	315.0	315.1	343.0	345.0
ITEM 2												
4A6FYK		G	T	G	G	G		C		C		
4AQTNX		G	T	G	G	G		C		C		
4EYPGT		G	T	G	G	G		C		C		
6R2A2B		G	T	G	G	G		C		C		
7HQ8FA		G	T	G	G	G		C		C		
863J6B		G	T	G	G	G		C		C		
8DBM3F		G	T	G	G	G						
8JMX8A		G	T	G	G	G		C		C		
9AVEEG		G	T	G	G	G	.1C		.1C			
ALYP82		G	T	G	G	G		C		C		
F79TCZ		G	T	G	G	G		C		C		
F7J62B		G	T	G	G	G						
FB2X64		G	T	G	G	G		C		C		
FLHHPZ		G	T	G	G	G		C		C		
J6G4HU		G	T	G	G	G		C		C		
KPM9T4		G	T	G	G	G						
LBWYJ4		G	T	G	G	G						
LD6E6U		G	T	G	G	G		C		C		
LK8Z64	N	G	T	G	G	G					N	N
MCUYBT		G	T	G	G	G		C		C		
MV3TQZ		G	T	G	G	G						
MX7YAT		G	T	G	G	G		C		C		
NGHX3U		G	T	G	G	G		C		C		
P3VKBY		G	T	G	G	G						
QBH7RG		G	T	G	G	G		C		C		
QHN3TM		G	T	G	G	G		C		C		
RN4XUW		G	T	G	G	G		C		C		
TGZBF2		G	T	G	G	G	.1C		.1C			
WME3GC		G	T	G	G	G	.1C		.1C			
XWZJMR		G	T	G	G	G		C		C		
Y3LXQN		G	T	G	G	G						

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	50.0	51.0	73.0	150.0	189.0	200.0	263.0	309.0	309.1	315.0	315.1	565.0
ITEM 3												
4AQTNX			G	T	G	G	G		C		C	
4EYPGT			G	T	G	G	G		C		C	
6R2A2B			G	T	G	G	G		C		C	
7HQ8FA			G	T	G	G	G		C		C	
863J6B			G	T	G	G	G		C		C	
8DBM3F			G	T	G	G	G					
8JMX8A			G	T	G	G	G		C		C	
9AVEEG			G	T	G	G	G	.1C		.1C		
F79TCZ			G	T	G	G	G		C		C	
F7J62B			G	T	G	G	G					
FB2X64			G	T	G	G	G		C		C	
FLHHPZ			G	T	G	G	G		C		C	
J6G4HU			G	T	G	G	G		C		C	
KPM9T4			G	T	G	G	G					
LBWYJ4			G	T	G	G	G					N
LD6E6U			G	T	G	G	G		C		C	
LK8Z64			G	T	G	G	G					
MCUYBT			G	T	G	G	G		C		C	
MV3TQZ			G	T	G	G	G					
MX7YAT			G	T	G	G	G		C		C	
NGHX3U			G	T	G	G	G		C		C	
P3VKBY	N	N	G	T	G	G	G					
QBH7RG			G	T	G	G	G		C		C	
QHN3TM			G	T	G	G	G		C		C	
TGZBF2			G	T	G	G	G	.1C		.1C		
WME3GC			G	T	G	G	G	.1C		.1C		
Y3LXQN			G	T	G	G	G					

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	150.0	152.0	189.0	200.0	263.0	309.0	315.0
ITEM 4								
LK8Z64			C			G		
WME3GC	G	T		G	G	G	.1C	.1C

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4A6FYK	1-576	1-576		
4AQTNX	73-340	73-340	73-340	73-340
4EYPGT	70-400	70-400	70-400	
6R2A2B	47-537	47-537	47-366	
7HQ8FA	1-537	1-537	50-360	
863J6B	65-391	65-392	64-385	INC
8DBM3F	1-302, 316-563	1-302, 316-576	39-302, 316-464	Inconclusive
8JMX8A	63-383	64-393	64-384	Inconclusive
9AVEEG	73 -340	73 -340	73 -340	
ALYP82	1-576	1-576		
F79TCZ	64-393	64-393	70-392	INC
F7J62B	1-302, 316-576	1-302, 316-576	1-302, 316-576	
FB2X64	61-385	61-385	61-385	
FLHHPZ	64-403	65-401	69-392	INC
J6G4HU	55-393	64-393	64-385	INC
KPM9T4	1-302; 316-576	1-302; 316-576	1-302; 316-576	Inconclusive
LBWYJ4	1-302, 316-576	1-302, 316-576	1-302, 316-576	Inconclusive
LD6E6U	55-400	64-402	64-385	INC
LK8Z64	52-302; 316-369	42-302; 316-369	53-302; 316-369	35-302; 316-369
MCUYBT	63-393	64-393	64-385	INC
MV3TQZ	35-302, 316-464	35-302, 316-464	39-302, 316-463	inconclusive
MX7YAT	1-526	1-537	52-354	
NGHX3U	63-385	63-393	64-379	Inconclusive
P3VKBY	1-302, 316-576	1-302, 316-576	39-302, 316-464	inconclusive
QBH7RG	45-390	45-390	45-390	

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
QHN3TM	63-383	64-393	64-384	INCONCLUSIVE
RN4XUW	30-407	30-407		
TGZBF2	70-450	70-450	70-450	
WME3GC	60-390	60-390	60-390	60-390
XWZJMR	30-407	30-407		
Y3LXQN	53-302, 316-369	43-302, 316-369	39-302, 316-369	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
22JBHU	No	Yes	Yes	No	3JITUB	No	Yes	Yes	No
23HL4P	No	Yes	Yes	No	3JZBT7	No	Yes	Yes	No
24CCA4	No	Yes	Yes	No	3L4WAV	No	Yes	Yes	No
24QN43	No	Yes	Yes	No	3MFC4W	No	Yes	Yes	No
264CDG	No	Yes	Yes	No	3NWFLV	No	Yes	Yes	No
26KEAG	No	Yes	Yes	No	3QCPDM	No	Yes	Yes	No
27BEUT	No	Yes	Yes	No	3RRGEW	No	Yes	Yes	No
27WBEL	No	Yes	Yes	No	3RRJ62	No	Yes	Yes	No
29JUFJ	No	Yes	Yes	No	3RZ6BJ	No	Yes	Yes	No
2A3PBR	No	Yes	Yes	No	3TJFTV	No	Yes	Yes	No
2E8DZM	No	Yes	Yes	No	3U2JA9	No	Yes	Yes	No
2GYGPM	No	Yes	Yes	No	3UUHFU	Inc	Yes	Yes	No
2JJXRM	No	Yes	Yes	No	3VD69A	No	Yes	Yes	No
2MGJG6	No	Yes	Yes	No	3VU4L8	No	Yes	Yes	No
2MHUA9	No	Yes	Yes	No	42CA4Y	No	Yes	Yes	No
2NHMFT	No	Yes	Yes	No	42ETBA	No	Yes	Yes	No
2P9VFW	No	Yes	Yes	No	44G8NL	No	Yes	Yes	No
2PCDL8	No Interp	No Interp	No Interp	No Interp	44PN3T	No	Yes	Yes	No
2QMF97	No	Yes	Yes	No	44ZE4X	No	Yes	Yes	No
2W8MHX	No	Yes	Yes	No	47B6KE	No	Yes	Yes	No
2WNLTB	No	Yes	Yes	No	47PW84	No	Yes	Yes	No
2XNJCJ	No	Yes	Yes	No	48ZQYW	No	Yes	Yes	No
2YGHH6	No	Yes	Yes	No	4A6FYK	No	Yes	Yes	No
2YWZZG	No	Yes	Yes	No	4A6HPP	No	Yes	Yes	No
2YXNP8	No	Yes	Yes	No	4AD4V8	No	Yes	Yes	No
34JH6Y	No Interpretations Reported, DNA Analyzed for Database purposes only.				4AQTNX	Yes	No Interp	Yes	No Interp
37F8T8	No	Yes	Yes	No	4CA79L	No	Yes	Yes	No
37PZ4U	No	Yes	Yes	No	4CDLLL	No	Yes	Yes	No
38L4MA	No	Yes	Yes	No	4CWEDJ	No	Yes	Yes	No
3JG9XV	No	Yes	Yes	No	4EHZ77	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4EKL3L	No	Yes	Yes	No	6VJFRJ	No	Yes	Yes	No
4EYPGT	No	Yes	Yes	No	6XDZ6H	No	Yes	Yes	No
4EZAWL	No	Yes	Yes	No	6YLAT9	No	Yes	Yes	No
4FBNB3	No	Yes	Yes	No	6YQP7A	No	Yes	Yes	No
4FWKWV	No	Yes	Yes	No	6ZYLVK	No	Yes	Yes	No
4L4ZVJ	No	Yes	Yes	No	732YVH	No	Yes	Yes	No
4NPZJE	No	Yes	Yes	No	74XJJH	No	Yes	Yes	No
4NVWKD	No	Yes	Yes	No	77XBAP	No	Yes	Yes	No
4RBQXP	No	Yes	Yes	No	78RM4A	No	Yes	Yes	No
4XFEMK	No	Yes	Yes	No	7A389C	No	Yes	Yes	No
4YMUWC	No	Yes	Yes	No	7AK8F9	No	Yes	Yes	No
4YTWWH	No	Yes	Yes	No	7CQMT7	No	Yes	Yes	No
63LFD7	No	Yes	Yes	No	7CT9PL	No	Yes	Yes	No
63N2AM	No	Yes	Yes	No	7FP2EB	No	Yes	Yes	No
66BLZY	No	Yes	Yes	No	7FY92B	No	Yes	Yes	No
68FDRC	No	Yes	Yes	No	7GJRP	No	Yes	Yes	No
69TXKL	No Interp	No Interp	No Interp	No Interp	7HQ8FA	Yes	No Interp	Yes	No Interp
6A29E4	No	Yes	Yes	No	7MPQQ9	No Interp	No Interp	No Interp	No Interp
6AK29M	No	Yes	Yes	No	7TUTXP	No	Yes	Yes	No
6D467K	No	Yes	Yes	No	7U6VKN	No	Yes	Yes	No
6D7RMX	No	Yes	Yes	No	7X3UUX	No	Yes	Yes	No
6EEV99	No	Yes	Yes	No	7Y9TLM	No	Yes	Yes	No
6HJCUJ	No	Yes	Yes	No	822EB3	No	Yes	Yes	No
6K69AW	No	Yes	Yes	No	823DFW	No	Yes	Yes	No
6K7A3A	No	Yes	Yes	No	82JJQF				
6LVCYX	No	Yes	Yes	No	863J6B	Yes	No Interp	Yes	No Interp
6N4HHD	No Interp	No Interp	No Interp	No Interp	88EYTA	No	Yes	Yes	No
6NN9F6	No	Yes	Yes	No	899PYN	No	Yes	Yes	No
6PB7DA	No	Yes	Yes	No	8AFVUJ	No	Yes	Yes	No
6PWD2F	No	Yes	Yes	No	8ATXPB	No	Yes	Yes	No
6R2A2B	Yes	No Interp	Yes	No Interp	8BTN47	No	Yes	Yes	No
6TG9WL	No	Yes	Yes	No	8DBM3F	Yes	Inc	Yes	Inc
6VGHPA	No	Yes	Yes	No	8FZE7C	No Interp	No Interp	No Interp	No Interp

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
8GVYUC	No	Yes	Yes	No	9VEV2L	No	Yes	Yes	No
8JMX8A	No	Yes	Yes	No	A4HJV6	No	Yes	Yes	No
8JNY39	No	Yes	Yes	No	A6WWUZ	No	Yes	Yes	No
8KV7E9	No	Yes	Yes	No	A8HK7Z	No	Yes	Yes	No
8MMA4A	No	No Interp	Yes	No Interp	A9W8NE	No	Yes	Yes	No
8NTWC9	No	Yes	Yes	No	AB6FVE	No	Yes	Yes	No
8PTMR3	No	Yes	Yes	No	ABLAWN	No	Yes	Yes	No
8T9BCZ	No	Yes	Yes	No	ACCQGW	No	Yes	Yes	No
8UML7Y	No	Yes	Yes	No	ADCLGF	No Interp	No Interp	No Interp	No Interp
8VGCCD	No Interp	No Interp	No Interp	No Interp	AGA4K9	No	Yes	Yes	No
8WWHZ3	No	Yes	Yes	No	AH32QU	No	Yes	Yes	No
8YWVEF	No Interp	No Interp	No Interp	No Interp	AHGHRE	No Interp	No Interp	No Interp	No Interp
93CREP	No	Yes	Yes	No	AJUWFN	No	Yes	Yes	No
93ECA7	No	Yes	Yes	No	AK42TC	No	Yes	Yes	No
94PAL3	No	Yes	Yes	No	AKT7H7	No	Yes	Yes	No
96EE8U	No	Yes	Yes	No	ALYP82	No	Yes	Yes	No
96J3GL	No	Yes	Yes	Yes	AR4LTM	No	Yes	Yes	No
97CTMZ	No	Yes	Yes	No	AUDBG6	No	Yes	Yes	No
99HECK	No	Yes	Yes	No	AV89XC	No	Yes	Yes	No
99U8W2	No	Yes	Yes	No	AXDLL7	No	Yes	Yes	No
9AC6HZ	No	Yes	Yes	No	AYR4DP	No	Yes	Yes	No
9AVEEG	No	Yes	Yes	No	AZJ83Q	No	Yes	Yes	No
9BQC4G	No	Yes	Yes	No	AZLTX7	No	Yes	Yes	No
9DXLZK	No	Yes	Yes	No	B4F2LD	No	Yes	Yes	No
9EN23F	No	Yes	Yes	No	B4JMGT	No	Yes	Yes	No
9GNEGT	No	Yes	Yes	No	B7AWDF	No	Yes	Yes	No
9JEDVQ	No	Yes	Yes	No	B7N88E	No	Yes	Yes	No
9MFUGF	No	Yes	Yes	No	B8KRUE	No	Yes	Yes	No
9NB64N	No	Yes	Yes	No	B9UW83	No	Yes	Yes	No
9RXNDL	No	Yes	Yes	No	BCC2WY	No	Yes	Yes	No
9TREJZ	No	Yes	Yes	No	BD7L9Y	No	Yes	Yes	No
9V6E67	No	Yes	Yes	No	BGHLU6	No	Yes	Yes	No
9V786Y	No	Yes	Yes	No	BHJL6Q	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BJ8K2U	No	Yes	Yes	No	D62U87	No	Yes	Yes	No
BJAKJN	No	Yes	Yes	No	D6GV8M	No	Yes	Yes	No
BK4JA8	No	Yes	Yes	No	D7GUQV	No	Yes	Yes	No
BPG3RP	No Interp	No Interp	No Interp	No Interp	D8ARWG	No	Yes	Yes	No
BQUMQQ	No	Yes	Yes	No	DAVN68	No	Yes	Yes	No
BRQZAD	No	Yes	Yes	No	DBNLAT	No	No Interp	Yes	No Interp
BVPEW3	No Interpretations Reported, DNA Analyzed for Database purposes only.				DBR9R8	No	Yes	Yes	No
BXAFRN	No	Yes	Yes	No	DDH7MT	No	Yes	Yes	No
C78D76	No	Yes	Yes	No	DDXEP2	No	Yes	Yes	No
CBCBG4	No	Yes	Yes	No	DECWT8	No Interp	No Interp	No Interp	No Interp
CC6C9D	No	Yes	Yes	No	DF6UXT	No	Yes	Yes	No
CCKHKW	No	Yes	Yes	No	DFMPT2				
CCMC43	No	Yes	Yes	No	DFR472	No	Yes	Yes	No
CCPZKG	No	Yes	Yes	No	DGDEVN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CEXWKD	No	Yes	Yes	No	DGFNKK	No Interp	No Interp	No Interp	No Interp
CJ6BKH	No	Yes	Yes	No	DGYJD9	No	Yes	Yes	No
CKWRVW	No	Yes	Yes	No	DH8MYJ	No	Yes	Yes	No
CL9GB3	No	Yes	Yes	No	DJQF32	No	Yes	Yes	No
CMKH9H	No	Yes	Yes	No	DLRNT6	No	Yes	Yes	No
CTXUEB	No	Yes	Yes	No	DLV8UF	No	Yes	Yes	No
CTXV9A	No	Yes	Yes	No	DPM39M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CU69LG	No	Yes	Yes	No	DPP2XH	No	Yes	Yes	No
CVFKAT	No	Yes	Yes	No	DPTTGC	No	Yes	Yes	No
CVHTDR	No	Yes	Yes	No	DREYXG	No	Yes	Yes	No
CWW6AB	No	Yes	Yes	No	DRXDCY	No	Yes	Yes	No
CX7DEP	No	Yes	Yes	No	DTPA2R	No	Yes	Yes	No
CYEPU7	No	Yes	Yes	No	DTTR94	No	Yes	Yes	No
CZVRTR	No	Yes	Yes	No	DX6NZK	No	Yes	Yes	No
D2NPXR	No	Yes	Yes	No	E4J6ED	No	Yes	Yes	No
D3V8VM	No	Yes	Yes	No	E4QZED	No	Yes	Yes	No
D4842R	No	Yes	Yes	No	ECCFPA	No	Yes	Yes	No
D4QRHM	No	Yes	Yes	No	EDEWC8	No	Yes	Yes	No
D4VXBH	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EDQKKL	No	Yes	Yes	No	FRTJ2W	No	Yes	Yes	No
EDTHNV	No	Yes	Yes	No	FUDFGA	No	Yes	Yes	No
EE7Y29	No	Yes	Yes	No	FUFLQB	No	Yes	Yes	No
EHNCLW	No	Yes	Yes	No	FV93TD	No	Yes	Yes	No
EKF9AQ	No	Yes	Yes	No	FVPCQK	No	Yes	Yes	No
EL9YMW	No	Yes	Yes	No	FWKXDJ	No	Yes	Yes	No
ELKR7D	No	Yes	Yes	No	FWZYH8	No	Yes	Yes	No
EQFBUC	No	Yes	Yes	No	FXLJX	No	Yes	Yes	No
EQV3WL	No	Yes	Yes	No	FYMVNC	No	Yes	Yes	No
ERDWWV	No	Yes	Yes	No	FZ6KEK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ETKGE4	No	Yes	Yes	No	G3M7JC	No	Yes	Yes	No
ETMYKF	No	Yes	Yes	No	G4F4PX	No	Yes	Yes	No
EU43N8	No	Yes	Yes	No	G4F6RJ	No	Yes	Yes	No
EZKQTA	No	Yes	Yes	No	G4G3UR	No	Yes	Yes	No
F4HPMY	No	Yes	Yes	No	G693X6	No	Yes	Yes	No
F79TCZ	Yes	No Interp	Yes	No Interp	G6VAF9	No	Yes	Yes	No
F7J62B	Yes	No Interp	Yes	No Interp	G7LHFC	No	Yes	Yes	No
FB2X64	No	Yes	Yes	No	G7MD3N	No	Yes	Yes	No
FBZDPB	No	Yes	Yes	No	GD7TGK	No	Yes	Yes	No
FDQZGJ	No	Yes	Yes	No	GDQAWM	No	Yes	Yes	No
FEE84M	No	Yes	Yes	No	GF9N7N	No	Yes	Yes	No
FFGAD7	No	Yes	Yes	No	GFQPWX	No	Yes	Yes	No
FGQAHD	No	Yes	Yes	No	GHDLQC	No	Yes	Yes	No
FJAAH2	No	Yes	Yes	No	GHHTLX	No	Yes	Yes	No
FJVXN3	No Interp	No Interp	No Interp	No Interp	GK4B4J	No	Yes	Yes	No
FKNRJL	No	Yes	Yes	No	GKMCQL	No	Yes	Yes	No
FL2D82	No	Yes	Yes	No	GLEB6J	No	Yes	Yes	No
FLHHPZ	Yes	No Interp	Yes	No Interp	GMAVRJ	No	Yes	Yes	No
FN9RRE	No	Yes	Yes	No	GPDVMA	No	Yes	Yes	No
FNNX6J	No	Yes	Yes	No	GR8C7X	No	Yes	Yes	No
FP9H7A	No	Yes	Yes	No	GV39PX	No	Yes	Yes	No
FPZWYR	No	Yes	Yes	No	GVQKFJ	No	Yes	Yes	No
FRLJRF	No	No	Yes	No	GXV8XU	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GXXTTA	No	No Interp	Yes	No Interp	JGC9TF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H24T7Y	No	Yes	Yes	No	JNF6MD	No	Yes	Yes	No
H2MR4X	No	Yes	Yes	No	JTWDBD	No	Yes	Yes	No
H2NJHT	No	Yes	Yes	No	JUHB8H	No	Yes	Yes	No
H2NXUM	No	Yes	Yes	No	JVWHTY	No	Yes	Yes	No
H3YHEM	No	Yes	Yes	No	JZ7X3M	No	Yes	Yes	No
H63ZRW	No	Yes	Yes	No	JZBCQA	No	Yes	Yes	No
H8U4FX	No	Yes	Yes	No	JZRGUF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H9T7H9	No	Yes	Yes	No	K3RZLG	No	Yes	Yes	No
HERQDP	No	Yes	Yes	No	K6GD4Y	No	Yes	Yes	No
HHWAKX	No	Yes	Yes	No	KCJ9EK	No	Yes	Yes	No
HHYDX9	No	Yes	Yes	No	KDPZKX	No	Yes	Yes	No
HJ6QBF	No	Yes	Yes	No	KDRKRF	No	Yes	Yes	No
HKWMYA	No	Yes	Yes	No	KE34JJ	No	Yes	Yes	No
HM4ZM4	No	Yes	Yes	No	KFJKAJ	No	Yes	Yes	No
HTC7GN	No	Yes	Yes	No	KFJNH2	No	Yes	Yes	No
HUPT2N	No Interp	No Interp	No Interp	No Interp	KGUZ8D	No	Yes	Yes	No
HVHVTX	No	Yes	Yes	No	KHJWMB	No	Yes	Yes	No
HVJK83	No Interp	No Interp	No Interp	No Interp	KJHXT3	No	Yes	Yes	No
HWCHDN	No	Yes	Yes	No	KKDL2Q	No	Yes	Yes	No
HXLMQC	No	Yes	Yes	No	KNB7VN	No	Yes	Yes	No
HZUUXC	No	Yes	Yes	No	KPM9T4	Yes	Inc	Yes	Inc
J26Y9E	No	Yes	Yes	No	KPR6J8	No	Yes	Yes	No
J4DXUA	No	Yes	Yes	No	KRENK6	No	Yes	Yes	No
J4RJ7W	No	Yes	Yes	No	KT6WJ9	No	Yes	Yes	No
J6G4HU	No	Yes	Yes	No	KTMJLH	No	Yes	Yes	No
JAFFKL	No	Yes	Yes	No	KTNTZE	No	Yes	Yes	No
JAKECB	No	Yes	Yes	No	KUEFBC	No	Yes	Yes	No
JAWGGV	No	Yes	Yes	No	KVRFK7	No	Yes	Yes	No
JAX8VQ	No	Yes	Yes	No	KW4EHZ	No	Yes	Yes	No
JCLLEA	No	Yes	Yes	No	KWMVHH	No	Yes	Yes	No
JDDWWF	No Interpretations Reported, DNA Analyzed for Database purposes only.				L2GFER	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
L3DYBR	No	Yes	Yes	No	M6TQYY	No	Yes	Yes	No
L3VMU8	No	Yes	Yes	No	M76JHF	No	Yes	Yes	No
L4K876	No	Yes	Yes	No	M8DQNU	No	Yes	Yes	No
L8KJ36	No	Yes	Yes	No	MBZ97E	No	Yes	Yes	No
L9ZQFZ	No	Yes	Yes	No	MCQCUF	No	Yes	Yes	No
LBHV4W	No	Yes	Yes	No	MCRH22	No	Yes	Yes	No
LBWYJ4	No	Yes	Yes	No	MCUYBT	Yes	No Interp	Yes	No Interp
LCX49Q	No	Yes	Yes	No	MEYHH2	No	Yes	Yes	No
LD6E6U	Yes	No Interp	Yes	No Interp	MFD39Q	No	Yes	Yes	No
LD6NQY	No	Yes	Yes	No	MJ833T	No	Yes	Yes	No
LE2ZPD	No	Yes	Yes	No	ML2MER	No	Yes	Yes	No
LE4LCV	No	Yes	Yes	No	MLHYUC	No	Yes	Yes	No
LEFGUE	No	Yes	Yes	No	MLY2FQ	No	Yes	Yes	No
LEKW7E	No Interpretations Reported, DNA Analyzed for Database purposes only.				MMCJN3	No	Yes	Yes	No
LGBXC3	No	Yes	Yes	No	MP4FCW	No	Yes	Yes	No
LHYF89	No	Yes	Yes	No	MR8EMP	No	Yes	Yes	No
LJXPAQ	No	Yes	Yes	No	MRAYJ6	No	Yes	Yes	No
LK7NHE	No Interpretations Reported, DNA Analyzed for Database purposes only.				MUQFHC	No	Yes	Yes	No
LK8Z64	Yes	No	Yes	No	MUUXNM	No	Yes	Yes	No
LKA8PP	No	Yes	Yes	No	MV3TQZ	Yes	Inc	Yes	Inc
LR79G4	No	Yes	Yes	No	MX7YAT	Yes	No Interp	Yes	No Interp
LR7MUJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				MXQQDC	No	Yes	Yes	No
LRM8U2	No	Yes	Yes	No	MXTBAR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LT66FY	No	Yes	Yes	No	MZCEPC	No	Yes	Yes	No
LTHU9Q	No	Yes	Yes	No	MZFB8G	No	Yes	Yes	No
LUA42R	No	Yes	Yes	No	N63BR8	No	Yes	Yes	No
LUZRT3	No	Yes	Yes	No	N6BWYP	No	Yes	Yes	No
LWZ8QR	No	Yes	Yes	No	N98UXF	No	Yes	Yes	No
LZFNZW	No	Yes	Yes	No	NAZ38E	No Interpretations Reported, DNA Analyzed for Database purposes only.			
M36BE7	No	Yes	Yes	No	NBDBDY	No Interp	No Interp	No Interp	No Interp
M3M7AE	No	Yes	Yes	No	NBWUKR	No	Yes	Yes	No
M42RJF	No	Yes	Yes	No	NDJHWR	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NDZD3E	No	Yes	Yes	No	PZ4CUN	No	Yes	Yes	No
NETU7F	No	Yes	Yes	No	Q3R4JY	No	Yes	Yes	No
NGHX3U	Yes	No Interp	Yes	No Interp	Q6LMVY	No	Yes	Yes	No
NHUAR6	No	Yes	Yes	No	Q6X3KE	No	Yes	Yes	No
NLCZ3M	No	Yes	Yes	No	Q7B3WU	No	Yes	Yes	No
NLWPG2	No	Yes	Yes	No	Q9GKVP	No	No Interp	Yes	No Interp
NM4VRG	No	Yes	Yes	No	QBH7RG	No	Yes	Yes	No
NMMT4G	No	Yes	Yes	No	QCGRGM	No	Yes	Yes	No
NNNGT8	No	Yes	Yes	No	QCWXUR	No	Yes	Yes	No
NPVZC2	No	Yes	Yes	No	QD9V6N	No	Yes	Yes	No
NQM4YG	No	Yes	Yes	No	QDW46J	No	Yes	Yes	No
NU74DB	No	Yes	Yes	No	QENZUD	No	Yes	Yes	No
NUMC7C	No Interpretations Reported, DNA Analyzed for Database purposes only.				QFGZKX	No	Yes	Yes	No
P3VKBY	Yes	Inc	Yes	Inc	QGE2Y2	No	Yes	Yes	No
P4NE8H	No	Yes	Yes	No	QGM CER	No	Yes	Yes	No
P6JU4R	No	Yes	Yes	No	QHN3TM	No	Yes	Yes	No
P7VW8Y	No	Yes	Yes	No	QL282G	No	Yes	Yes	No
PBQBKT	No	Yes	Yes	No	QNBKJ	No	Yes	Yes	No
PC2XGL	No	Yes	Yes	No	QP7KDA	No	Yes	Yes	No
PDGB23	No	Yes	Yes	No	QPNHJV	No	Yes	Yes	No
PEM2Q6	No	Yes	Yes	No	QRUGKB	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PGJ4AF	No	Yes	Yes	No	QVBKAX	No	Yes	Yes	No
PH497R	No	Yes	Yes	No	QYCHQR	No	Yes	Yes	No
PHACAJ	No	Yes	Yes	No	QZ4LFT	No	Yes	Yes	No
PMFACV	No	Yes	Yes	No	R2GCJV	No	Yes	Yes	No
PNEBHM	No	Yes	Yes	No	R2XPKD	No	Yes	Yes	No
PRWLJX	No	Yes	Yes	No	R3CW7V	No	Yes	Yes	No
PTA3QK	No	Yes	Yes	No	R3PHMJ	No	Yes	Yes	No
PV4L3J	No	Yes	Yes	No	R3PLA8	No	Yes	Yes	No
PVDEC8	No	Yes	Yes	No	R6CNW2	No	Yes	Yes	No
PW8J3E	No	Yes	Yes	No	R6K83Y	No	Yes	Yes	No
PWB2AP	No	Yes	Yes	No	R8GUGU	No	Yes	Yes	No
PXMMX7	No	No	Yes	No	RAAK4L	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RDP4W4	No	Yes	Yes	No	TUTX33	No	Yes	Yes	No
RF3L72	No	Yes	Yes	No	TVMV9N	No	Yes	Yes	No
RFWQ62	No	Yes	Yes	No	TWDYXP	No	Yes	Yes	No
RG7QA9	No	Yes	Yes	No	U28EYA	No	Yes	Yes	No
RGNMUV	No	Yes	Yes	No	U3GFUJ	No	Yes	Yes	No
RJDYLE	No	Yes	Yes	No	U6R7AC	No	Yes	Yes	No
RJGD72	No	Yes	Yes	No	U9M6CN	No	Yes	Yes	No
RN4XUW	No Interp	No Interp	No Interp	No Interp	UAE8Y4	No	Yes	Yes	No
RQVE8W	No	Yes	Yes	No	UAF3HA	No	Yes	Yes	No
RQXZ4C	No Interpretations Reported, DNA Analyzed for Database purposes only.				UAYNGR	No	Yes	Yes	No
RT6DPK	No	Yes	Yes	No	UCK3R3	No	Yes	Yes	No
RTEF3H	No	Yes	Yes	No	UFAN3J	No	Yes	Yes	No
RTHY9U	No	Yes	Yes	No	UHG4BB	No	Yes	Yes	No
RTZXCJ	No	Yes	Yes	No	UJ27PA	No	Yes	Yes	No
RUA4EL	No	Yes	Yes	No	UJP8UZ	No	Yes	Yes	No
RXKLDJ	No	Yes	Yes	No	UK2JJC	No	Yes	Yes	No
RXXEND	No	Yes	Yes	No	ULVQ29	No	Yes	Yes	No
RXYCYA	No	Yes	Yes	No	UNYHTM	No	Yes	Yes	No
RYMT8W	No	Yes	Yes	No	UPDXBU	No	Yes	Yes	No
RYQBD8	No	Yes	Yes	No	UR3DDP	No	Yes	Yes	No
RZ7GTW	No	Yes	Yes	No	URXYZN	No	Yes	Yes	No
RZHDUV	No	Yes	Yes	No	UTD6JK	No	Yes	Yes	No
T33P77	No	Yes	Yes	No	UU3LGZ	No	Yes	Yes	No
T6DHB7	No	Yes	Yes	No	UVHLZP	No	Yes	Yes	No
TEC8XA	No	Yes	Yes	No	UWQ7HX	No	Yes	Yes	No
TGZBF2	No	Yes	Yes	No	UYJPUW	No	Yes	Yes	No
TH2BVM	No	Yes	Yes	No	UZWGKT	No	Yes	Yes	No
TJRVH7	No Interpretations Reported, DNA Analyzed for Database purposes only.				V2JGXU	No	Yes	Yes	No
TLCTMN	No	Yes	Yes	No	V3BKLU	No	Yes	Yes	No
TPKPNK	No	Yes	Yes	No	V3HGMU	No	Yes	Yes	No
TPRTUB	No	Yes	Yes	No	V94FR9	No	Yes	Yes	No
TR8DZK	No	Yes	Yes	No	VC3YPZ	No Interp	No Interp	No Interp	No Interp
					VC6L8E	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VDVWWL	No	Yes	Yes	No	WHTGWP	No	Yes	Yes	No
VDXJDZ	No	Yes	Yes	No	WKUM8P	No	Yes	Yes	No
VE74AV	No	Yes	Yes	No	WME3GC	No	Yes	Yes	No
VER9RF	No	Yes	Yes	No	WMLJVJ	No Interp	No Interp	No Interp	No Interp
VFZHNT	No	Yes	Yes	No	WP7LB3	No	Yes	Yes	No
VGCAM2	No	Yes	Yes	No	WP988J	No	Yes	Yes	No
VGEJG2	No	Yes	Yes	No	WPYJGN	No	Yes	Yes	No
VGUBJC	No	Yes	Yes	No	WRRCPPE	No	Yes	Yes	No
VJJEFP	No	Yes	Yes	No	WVTEM3	No	Yes	Yes	No
VJMUVB	No Interp	No Interp	No Interp	No Interp	WXDTZX	No	Yes	Yes	No
VJW73E	No	Yes	Yes	No	WXECXE	No	Yes	Yes	No
VJZQXU	No	Yes	Yes	No	WZ8VAD	No	Yes	Yes	No
VLEWVX	No	Yes	Yes	No	WZRU6Q	No	Yes	Yes	No
VM66UZ	No	Yes	Yes	No	X2U2Y3	No	Yes	Yes	No
VMHQCP	No	Yes	Yes	No	X3PLL3	No	Yes	Yes	No
VMZY36	No	Yes	Yes	No	X9E2EF	No	Yes	Yes	No
VNEA8P	No	Yes	Yes	No	XD7D8Q	No	Yes	Yes	No
VPKX8M	No	Yes	Yes	No	XFG2Z4	No	Yes	Yes	No
VQ77WJ	No	Yes	Yes	No	XJ9KMT	No	Yes	Yes	No
VWCYQE	No	Yes	Yes	No	XL34YT	No	Yes	Yes	No
VWP63C	No	Yes	Yes	No	XLHMJQ	No	Yes	Yes	No
VXLYY3	No	Yes	Yes	No	XLK9F7	No	Yes	Yes	No
VZ9HZZ	No	Yes	Yes	No	XMV7FG	No	Yes	Yes	No
VZNWAU	No	Yes	Yes	No	MXNLR	No	Yes	Yes	No
W4MGRY	No	Yes	Yes	No	XN4BVQ	No	Yes	Yes	No
W8PDJE	No	Yes	Yes	No	XNM34B	No	Yes	Yes	No
W9HBPZ	No	Yes	Yes	Inc	XQGRJP	No	Yes	Yes	No
WB9LQE	No	Yes	Yes	No	XT2QN8	No	Yes	Yes	No
WD7MB4	No Interpretations Reported, DNA Analyzed for Database purposes only.				XTX9KG	No	Yes	Yes	No
WDRML2	No	Yes	Yes	No	XUDPK2	No	Yes	Yes	No
WFYXJQ	No	Yes	Yes	No	XV874Q	No	Yes	Yes	No
WGTQE9	No	Yes	Yes	No	XVCLGQ	No	Yes	Yes	No
WHLGKN	No Interp	No Interp	No Interp	No Interp	XWZJMR	No Interp	No Interp	No Interp	No Interp

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
Y3LXQN	Yes	Inc	Yes	Inc	Z63BXC	No	Yes	Yes	No
Y3MJ8H	No	Yes	Yes	No	Z63DJ9	No	Yes	Yes	No
Y4XVWT	No	Yes	Yes	No	Z66VPK	No	Yes	Yes	No
Y696Z6	No	Yes	Yes	No	Z67UJR	No	Yes	Yes	No
Y6BM7G	No	Yes	Yes	No	Z97WR3	No	Yes	Yes	No
Y7LPTE	No	Yes	Yes	No	ZCKGTW	No	Yes	Yes	No
Y8DTGF	No	Yes	Yes	No	ZFQ4KT	No	Yes	Yes	No
Y8TPUU	No	Yes	Yes	No	ZLQN8W	No	Yes	Yes	No
YANJYW	No	Yes	Yes	No	ZM4XK3	No	Yes	Yes	No
YB3XGE	No	Yes	Yes	No	ZNXFA6	No	Yes	Yes	No
YC9WHU	No	Yes	Yes	No	ZPAFJY	No	Yes	Yes	No
YG4NN7	No	Yes	Yes	No	ZPDXPA	No	Yes	Yes	No
YG64TW	No	No	Yes	No	ZR2C9T	No	Yes	Yes	No
YGX2YH	No	Yes	Yes	No	ZTAM6W	No	Yes	Yes	No
YHGWUQ	No	Yes	Yes	No	ZU3KBH	No	Yes	Yes	No
YHXZHQ	No Interp	No Interp	No Interp	No Interp	ZUUCGP	No	Yes	Yes	No
YJRN2L	No	Yes	Yes	No	ZXP7EQ	No	Yes	Yes	No
YPXW9W	No	Yes	Yes	No	ZYZY7K	No	Yes	Yes	No
YQ97C9	No	Yes	Yes	No	ZZA73K	No	Yes	Yes	No
YQAZ6E	No	Yes	Yes	No	ZZVKTJ	No	Yes	Yes	No
YQT3K2	No	Yes	Yes	No					
YTH26R	No	Yes	Yes	No					
YUEMRQ	No	Yes	Yes	No					
YUQJWV	No	Yes	Yes	No					
YW2AED	No	Yes	Yes	No					
YWHFLP	No	Yes	Yes	No					
YXAH96	No	Yes	Yes	No					
YXPUTV	No	No	Yes	No					
YYHRYG	No	Yes	Yes	No					
YYNQQ7	No	Yes	Yes	No					
YZAVMH	No	Yes	Yes	No					
Z2A2U4	No	Yes	Yes	No					
Z4B6J6	No	Yes	Yes	No					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 701			
<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	17	633	658	1
No	640	5	0	636
Inc	1	5	0	6
No Interpretation	23	38	23	38
No Response	2	2	2	2

Participants analyzing DNA for database purposes only: 18

Additional Comments

TABLE 8

WebCode	Additional Comments
22JBHU	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. Y-Screening interpretation and DNA interpretation only performed on this test.
264CDG	Authorized in STRs. Not authorized in serology, mito, or YSTRs. --- = Possible Additional Allele(s).
26KEAG	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.
27WBEL	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.
2E8DZM	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.
2PCDL8	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 base 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).
2W8MHX	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.
2XNJCJ	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.
2YXNP8	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.
34JH6Y	Databasing only; items 3 and 4 not processed since they are evidence samples. Not authorized to analyze, report, or interpret evidence samples. Not authorized in Serology or mito. Authorized in STRs. Authorized in YSTRs but not assigned this PT cycle.
37F8T8	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).
38L4MA	A team approach was used. Additional alleles that may be either a true allele or stutter are not reported within the table for Item 4.
3JJTUB	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
3RZ6BJ	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.
3TJFTV	STR typing was not performed on Item 3 sperm cell fraction (fraction 2) due to an insufficient concentration of DNA. Furthermore, Y-STR DNA typing was not performed due to an insufficient concentration of male DNA. 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 and will not be used for conclusions or comparison.
3UUHFU	DYS391 is reported as INC for all samples tested using PowerPlex (R) Fusion Kit per laboratory policy. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range.
3VD69A	NA - Indicates not applicable
3VU4L8	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).
3Y868D	Items 1 and 2 were not processed and items 3 and 4 were processed for Serology only. Authorized to process and report for serology only. Not authorized for STR, YSTR, or mito.
44G8NL	NT = not tested
44PN3T	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).
44ZE4X	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.
47B6KE	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.
48ZQYW	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 give 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.

TABLE 8

WebCode	Additional Comments
4A6HPP	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 was deemed INC as per laboratory policy.
4AD4V8	NR= No results. NT= Not tested. Per policy, this proficiency test covers YFP. All samples were extracted according to protocol. Only samples with a positive quantitation value for male DNA went forward with amplification.
4AQTNX	Massively parallel sequencing (MPS) of the Mitochondrial DNA (mtDNA) genome was performed using the Applied Biosystems Precision ID mtDNA whole genome system. A whole mtDNA genome sequence may be obtained for the items noted however, only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2(73-340). The mtDNA profile obtained for the stain on the victim's bed sheet, Item 3, is consistent with the mtDNA profiles obtained for the victim and suspect. The victim and suspect are maternally related; maternally related persons are expected to have the same mtDNA profile. Neither the victim or suspect can be excluded as being a source of Item 3. A mtDNA mixture was obtained for item 4 therefore no interpretation was done.
4CA79L	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.
4CDLLL	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained from 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.
4EKL3L	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.
4EYPGT	ITEM 3: Item 3 contains human blood. Semen and saliva were not detected. The presence of DNA of the Suspect (Item 2) cannot be excluded in the sample of Item 3. Item 3 does not contain DNA of the Victim (Item 1). ITEM 4: Item 4 contains human blood and semen. A very weakly positive test for human salivary amylase does not allow a clear statement on the presence of saliva. Item 4 is a mixture of DNA most likely originating from two men (the mixture was observed for both autosomal and Y-STR loci). The presence of DNA from the Victim (Item 1) cannot be excluded in this mixture. Item 4 also contains DNA from one unknown male. Item 4 does not contain the DNA of Suspect (Item 2).
4FWKVV	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.
4NVWKD	NA= indicates not applicable
4XFEMK	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.
4YTWWH	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
69TXKL	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. Did not complete the manual differential extraction due to not being authorized in the method.
6A29E4	The YSTR result for Item 4-sp shows possible minor alleles due to epi fraction carryover.
6AK29M	Extraction : 1) Item 1 and Item 2 were extracted using in-situ method. 2) Item 3 and Item 4 were extracted using DNA Investigator Kit via QIAAsymphony SP. Quantification : Item 3 and 4 were quantified using Quantifiler Trio DNA Quantitation Kit on QuantStudio 5. Amplifications : 1) Item 1 and Item 2 were amplified using the GlobalFiler Express kit on Proflex PCR System. 2) Item 3 and Item 4 were amplified using the GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. 3) Item 1, Item 2, Item 3 and Item 4 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (GlobalFiler Express, Globalfiler PCR and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
6EEV99	A team approach was used.
6K69AW	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.
6K7A3A	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.
6N4HHD	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.
6R2A2B	Not authorized in Serology. Items 3 and 4 were not processed for STR/Y-STR analysis. Items 1 and 2 were processed for STR/Y-STR database purposes only. 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.
6VGHPA	Item 4 Semen Testing: ALS (-) but item was AP(+)/PSA(+)/Micro(+). Y-STR and Mito testing not performed - not authorized in mito or Y-STRs.
6VJFRJ	Item 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.
6XDZ6H	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
6YLAT9	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).
6YQP7A	Y-STR and Mitochondrial DNA testing not performed at this laboratory.
7AK8F9	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).
7CQMT7	NR = No Results. NT = Not Tested. 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.
7FP2EB	N/A = not applicable
7FY92B	Serology, mito, and Y-STR testing not performed. Not authorized in serology, mito, and Y-STRs.
7GJRPK	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).
7HQ8FA	Authorized in mito only. Not authorized in Serology, STR or Y-STR. 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. The Data is not reported because we do not have a validated protocol for the deconvolution of mtDNA mixtures. 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 on either Items 3 or 4 since it cannot separate mtDNA from multiple contributors.
7MPQQ9	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).
7TUTXP	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No Result
7U6VKN	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation
7Y9TLM	The probabilistic genotyping software STRmix v2.7 was used to resolve the mixed DNA profile obtained from item 4 (epithelial fraction). The results listed in the CTS report reflect DNA profiles with stutter filters on.
82JJQF	Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. Completed DNA analysis on previously prepared samples. Only analytical DNA was performed on items 1-4.
863J6B	A team approach was used. 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.
88EYTA	NA=not applicable
899PYN	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
8DBM3F	This laboratory does not report the HVR II polycytosine stretch (nucleotide positions 303-315) for samples processed using Sanger sequencing technology. Item 4 is reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
8FZE7C	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.
8JMX8A	A team approach was used. An additional low signal level allele was detected in a stutter position at SE33 for Item 24-5702.4e (Fraction 1). This allele may indicate a third minor/trace contributor to the mixture, a low level tri-allele, or extreme elevated stutter. Additional peaks that may be stutter or minor/trace alleles were not reported in the results table for Item 24-5702.4e (Fraction 1).
8JNY39	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.
8MMA4A	A team approach was used. Analyst only authorized to analyze and make comparisons on single source data, so no interpretation reported for Item 4.
8UML7Y	Fraction 1 (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 donor of Fraction 2 (sperm fraction). No alleles are present in Fraction 1 that cannot be attributed to the victim or the donor of Fraction 2.
8VGCCD	This test was performed by a DNA technician, who is authorized to perform forensic analytical testing and STR data analysis. Characterization and STRmix analysis was performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations of this data will be made.
8WWHZ3	NT = Not Tested. Only Y Testing done.
8YWVEF	Screening tests not conducted as not currently qualified. Differentials conducted on unknowns based on case scenario. Since serology was not conducted differentials were processed on both items 3 and 4. PowerPlex Fusion 6C sample processing was conducted on item 1, item 2, items 3, and item 4. Autosomal analysis and interpretation were not conducted on item 3 and item 4. No comparisons to evidence were made.
93CREP	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
93ECA7	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).
94PAL3	NT = Not Tested. Y-STR Testing only on this Proficiency Test.
97CTMZ	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).
9AC6HZ	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
9APU96	Authorized in serology only. Not authorized in STR, YSTR, or mito. Item 3 and Item 4 were only processed for serology. Item 1 and Item 2 not processed. Item 4 Semen Testing: ALS(-), but item was AP/PSA/Micro(+)
9DXLZK	Item 3 Sheet was p30 negative however, the sperm fraction was typed since this was a male victim and male suspect. The sperm fraction results are likely carryover from the epithelial cell fraction and not from a semen donor.
9EN23F	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.
9GNEGТ	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
9MFUGF	Item 1 was tested in PowerPlex Fusion and YFiler. Results concordant at DYS391. Item 2 was tested in PowerPlex Fusion and YFiler. Results concordant at DYS391. Item 3 was tested in PowerPlex Fusion, MiniFiler, and YFiler. Results are concordant. Item 4 was tested in PowerPlex Fusion and YFiler. Results concordant at DYS391.
9NB64N	In Item4 e, a mixed profile containing the victim was confirmed, while in Item 4 sp, a DNA profile of another made, neither the victim nor the suspect, was detected.
9TREJZ	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).
9V6E67	Authorized in STRs. Not authorized in serology, mito, or YSTRs. Elevated stutter was noted in the epithelial fraction of Item 4. The extract for this sample was re-amplified, and the elevated stutter was replicated. The stutter occurred at 412.57 bp in the SE33 locus in the 30.2 allele bin.
ABLAWN	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).
ADCLGF	The probabilistic genotyping software STRmix (v2.7) was used to resolve the mixed DNA profile obtained from sample 4e. The results listed in the CTS report reflect DNA profiles with stutter filters on.
ADP746	Authorized in serology only. Not authorized in STR, YSTR, or mito. Item 4 was ALS negative, but semen positive. Item 1 and Item 2 were not processed. Item 3 and Item 4 were processed for serology only.
AGA4K9	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.
AHGHRE	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.
AJUWFN	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were no reported. DYS391 is reported as INC for the PowerPlex Fusion system as per laboratory policy. Fraction 2 of Item 3 (Item 3sp) has no alleles reported because the sample was inconclusive at quant.

TABLE 8

WebCode	Additional Comments
AKT7H7	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.
AR4LTM	Item 3 sp quantitation resulted in no DNA. 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 be used for conclusions and comparisons.
AV89XC	The 28.2 and 32.2 alleles reported at SE33 for Item 4sp is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further evaluated as stutter probabilistically using STRmix to support this interpretation.
AXDLL7	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.
AYR4DP	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. Interpretation only performed using the Male screening data.
B4F2LD	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.
B9UW83	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).
BCC2WY	STRmix was used to assume carryover from item 4 sperm fraction as the second contributor to the non-sperm fraction. The single source profile remaining was reported for the item 4 non-sperm fraction.
BD7L9Y	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).
BGHLU6	Serology, Mitochondrial, and Y-STR not performed. Not authorized in Serology, Mitochondrial, or Y-STR.
BJAKJN	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
BK4JA8	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.
BPG3RP	Y23 analytical labwork only performed, no interpretations were made to the Y-STR profiles entered. 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.
BQUMQQ	Exhibit 4 - was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color.
BRQZAD	STRmix was not used to generate inclusions or exclusions. Statistics generated: Item 3: 2s_U; Items 4f1: 1sU_UU (statistic run for PT only). Item 1: run on ANDE instrument. Item 2: run on RHID instrument. Sample 4f2- Alleles called at TH01 and TPOX are below stochastic threshold and may result in drop out of sister allele. This locus was used for comparisons and statistics with the probability of dropout incorporated into interpretation / statistic.
BXAFRN	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.
C78D76	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.
CC6C9D	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.
CCMC43	STRmix reported with stutter filters on.
CCPZKG	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.
CEXWKD	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.
CJ6BKH	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.

TABLE 8

WebCode	Additional Comments
CKWRVW	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.
CL9GB3	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.
CMKH9H	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.
CTXV9A	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.
CX7DEP	A partial profile was obtained for item 3 (sperm cell fraction of victim bed sheet) in this test. The majority of the called alleles in the profile are within the stochastic region; therefore, drop-out is occurring. However, despite multiple attempts, a full profile was not obtained, indicating a potential problem with sample quality. 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.
CYEPU7	NR=no results
CZVRTR	Y-screen test (BIO-Fluorescence Spectroscopy) was not performed due to case scenario of being Male v. Male.
D4QRHM	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.
D4VXBH	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).
D62U87	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(s) from the epithelial fraction(s) due to the incomplete separation.
D6GV8M	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
D7GUQV	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.
D8ARWG	DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.

TABLE 8

WebCode	Additional Comments
DAVN68	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 profiles from the epithelial and sperm fractions due to the incomplete separation.
DBNLAT	Testing was stopped after screening on Item 4 - not qualified to perform differential extraction.
DDH7MT	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.
DDXEP2	For item 4 (epithelial fraction), probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profile generated. The results listed in the CTS report reflect the DNA profile with stutter filters on.
DECWT8	This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1) and quant (Quant Trio). 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. 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(s) from the Epi fraction due to the incomplete separation.
DFMPT2	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).
DFR472	This lab doesn't perform Y-STR testing, mtDNA testing and reports samples with stutter filters on.
DGDEVN	Databasing only; Items 3 and 4 not processed since they are evidence samples. Not authorized to analyze, report, or interpret evidence samples. Not authorized in Serology or mito.
DGFNKK	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.
DGYJD9	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.
DH8MYJ	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.
DJQF32	reporting with stutter filters on. Mito and Y's not performed at this laboratory.
DLRNT6	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
DPM39M	Authorized in STRs. Authorized in YSTRs but not assigned this PT cycle. Not authorized in Serology or mito. Casework reference analyst; not authorized to report conclusions.
DPP2XH	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 Item Naming] that are likely due to PCR/STR artifacts were not reported. [Laboratory Specific Item Naming] was deemed insufficient at quant and no DNA typing was performed on this sample.

TABLE 8

WebCode	Additional Comments
DPTTGC	The 30.2 allele reported at SE33 for Item 4e is defined per laboratory protocol as additional data not impacting the interpretation of the results for the profile. This peak was further evaluated as stutter probabilistically using STRmix to support this interpretation.
DREYXG	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. STRmix analysis was not performed on Item 4 e.
DX6NZK	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).
E4J6ED	Item 3 sp was left blank because the sample had an insufficient concentration of DNA for further analysis. 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.
EE7Y29	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.
EHNCLW	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).
EKF9AQ	[Name] completed the biology portion of the exam. [Name] completed the DNA portion of the exam. [Name] completed the review of the biology portion of the exam. [Name] completed the review of the DNA portion of the exam.
EL9YMW	NR - No Results. NT - Not Tested. YFP testing only.
ELKR7D	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.
EQFBUC	Amylase results: A 9mm faint (not fully diffused) clearing was observed for item 4 using amylase radial diffusion. However, no nucleated epithelial cells were observed. Therefore, saliva was reported as negative. Elevated stutter (30.2) was observed at SE33 for item 4e.
EQV3WL	For items interpreted with STRmix, the GlobalFiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
ETKGE4	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
ETMYKF	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.
F79TCZ	NA = not tested/not applicable; INC = inconclusive (mtDNA mixtures are reported as INC)
F7J62B	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. This laboratory does not report 303-315 for samples processed using Sanger Sequencing technology.
FDQZGJ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
FEE84M	Peaks in stutter position were seen at D19 and SE33; peaks were determined to likely be high stutter. Each peak was below the laboratories analytical threshold when stutter contribution was removed.
FELK4H	No spermatozoa were detected during the microscopic test for semen, but the overall result was positive for semen due to the AP and p30 results being positive. Per our policy, this sample was cut for a differential extraction.

TABLE 8

WebCode	Additional Comments
FJXN3	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.
FKNRJL	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. 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.
FL2D82	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
FLHHPZ	INC = Inconclusive. Missing persons reports mixtures as inconclusive and therefore no interpretation was made between item 4 and items 1 and 2. A team approach was used.
FPZWYR	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.
FRLJRF	For male screening, interpretation only performed, lab work performed by another analyst. 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 Y-STR profile from Item 4 sperm cell fraction was interpreted as a distinguishable mixture of 2, the victim and the suspect were both excluded as contributors to the major component. No comparisons were made to the minor component. The Y-STR profile from Item 4 epithelial cell fraction was interpreted as an indistinguishable mixture of 2. No comparisons were made to the victim or the suspect. The current Y-STR interpretation guidelines set forth by our laboratory were used. Based on the comparison of the major component of the sperm cell fraction, the victim (Item 1) and the suspect (Item 2) were marked as "no" for being a contributor to Item 4.
FRTJ2W	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).
FUDFGA	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.
FV93TD	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. Item 3 sp was not amplified in Fusion 5C because of insufficient amount of DNA.
FWKXDJ	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.
FWZYH8	NR - No results. Item 4 (e) was not reported in Signature Prep - Primer Set B due to a quality issue and results with other amplification kits indicating a mixture. Mixed Signature Prep - Primer Set B profiles are not suitable for comparison purposes per lab SOP; therefore, no further analysis was performed on that fraction.

TABLE 8

WebCode	Additional Comments
FXLJX	NA = Not Applicable
FYMVNC	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.
G3M7JC	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
G4F4PX	For item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profile generated. The results listed in the CTS report reflect the DNA profile with stutter filters on.
G4G3UR	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).
G693X6	[Laboratory Specific Item Naming] (Item 3 sp) was not amplified in PowerPlex Y23 as it was consumed for the initial PowerPlex Fusion 5C STR testing. Serology not performed, mito not performed - Not authorized in serology or mito.
G6VAF9	The 10 allele reported at D8S1179 for Item 4 e is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. The 16.2 allele reported at D19S433 and the 28.2 allele reported at SE33 for Item 4 sp are defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further evaluated as stutter probabilistically using STRmix to support this interpretation.
G7LHFC	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.
GD7TGK	The AP test for Item 4 was inconclusive due to an unexpected color change result. -- denotes possible dropout of genetic information; no additional peaks detected.
GHHTLX	^ indicates peaks below stochastic threshold as per DFS policy
GK4BJ	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.
GMAVRJ	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.
GPDVMA	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy. For item 3, Fraction 2 (sperm cell fraction) there was insufficient DNA for amplification.

TABLE 8

WebCode	Additional Comments
GVQKFJ	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.
H24T7Y	Authorized in STRs. Not authorized in serology, mito, or YSTRs. --- = Possible Additional Alleles. {} = Imbalanced Alleles.
H2NJHT	spermatozoa were not observed in the microscopic examination, however both AP and p30 results were positive for Item 4.
H3EVRX	Authorized in serology only. Not authorized in STR, YSTR, or mito.
H3YHEM	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.
H8U4FX	Authorized in STRs and YSTRs only. Not authorized in Serology or mito.
HE2MZA	DNA training is currently in progress and has not been completed. Only serology results have been submitted at this time.
HM4ZM4	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 of the fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile from the epithelial fraction due to the incomplete separation.
HUPT2N	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
HVHVTX	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.
HVJK83	This test was performed by a DNA technician, who is authorized to perform forensic analytical testing. STR data, characterization, and STRmix analysis was performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations of this data will be made. 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.
HXMLQC	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. INS = Insufficient Concentration of DNA- DNA was detected below the minimum amount needed to perform amplification and STR DNA typing, or no DNA was detected.

TABLE 8

WebCode	Additional Comments
HZUUXC	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.
J26Y9E	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. 24plex (autosomal) interpretation only performed, 24plex (autosomal) analytical labwork performed by another analyst. Y23 analytical labwork only performed, no interpretations were made to the Y-STR profiles entered.
J4RJ7W	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.
J6G4HU	A team approach was used. INC = inconclusive.
JNF6MD	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).
JTWDBD	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).
JUHB8H	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
K3RZLG	A mixture was obtained on the epithelial fraction coming from item 4. A match is observed with the victim and give a LR above one billion (based on the [Country] database).
K6GD4Y	Serology and mito not performed - not authorized in sero or mito. Authorized in STRs and Y-STRs only. Differential extraction performed on item 3 and sperm fraction consumed for STR testing; therefore Y-STR testing was not performed on the sperm fraction of item 3.
KDRKRF	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 in each. Allele calls from both donors were observed in the profile due to the incomplete separation.
KE34JJ	Items 3 and 4 were not tested with Y-File Plus for this test.
KFJNH2	Elevated stutter found on item 4-SP on loci D19S433 and SE33
KHJWMB	In Item4 e, a mixed profile containing the victim was confirmed, while in Item 4 sp, a DNA profile of another male, neither the victim nor the suspect, was detected
KJHXT3	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.
KPM9T4	This laboratory does not report the HVII C-stretch in Sanger sequencing data; therefore, the range 303-315 is excluded from all samples in this test. Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.

TABLE 8

WebCode	Additional Comments
KT6WJ9	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.
KTNTZE	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).
L2GFER	A team approach was used. Additional alleles that may be either a true allele or stutter are not reported within the table for item 4.
L3DYBR	N/A: Not Applicable
L4K876	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.
L8KJ36	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.
LBHV4W	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 both fractions, resulting in mixture profiles. Allele calls from both donors were observed in the profiles from the two fractions due to the incomplete separation.
LBWYJ4	The HV2 C-stretch (303-315) was not reported for Items 1-3 because this laboratory does not report this region. Interpretations made above are based on the auSTR and Y-STR results obtained for Items 1-4. Fusion and YFiler was performed on Items 1-4. Results were concordant at the overlapping locus for Items 1-4.
LCX49Q	Reporting STRmix results with stutter filters on
LD6E6U	NA = Not Applicable. INC = Inconclusive. The Missing Persons Unit (MPU) does not interpret mixtures. The MPU reports mixtures as inconclusive, therefore no interpretation was made between Item 4 and Items 1 and 2. A team approach was used.
LD6NQY	Authorized in STRs. Serology, mito, and Y-STR not performed - Not authorized in serology, mito, or YSTRs.
LE4LCV	Foreign male DNA result on semen from the underwear
LEFGUE	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.
LGBXC3	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.
LHYF89	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. For Item#3, sperm cell fraction, an insufficient amount of DNA was detected. Therefore, no further testing was done for this sample after quantitation.
LJXPAQ	N/A=not applicable

TABLE 8

WebCode	Additional Comments
LK8Z64	This laboratory does not report the HV2 C-stretch region which includes 303-315 as per our analysis SOP.
LKA8PP	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).
LR79G4	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.
LR7MUJ	Authorized in STRs. Authorized in YSTRs, but not assigned this PT cycle. Databasing only; evidence Items 3 and 4 not processed. Not authorized to analyze, report, or interpret evidence samples. Not authorized in evidence samples, serology or mito.
LRM8U2	Item 4S Y23 results: Additional allele (14) at DYS456 is INC/limited. Note re Item 4E: SigPrep B results produced a mixture, these results are not interpretable and will not be reported in CTS. See autosomal results for this sample reported with Fusion 6C. Additional Y data from SigPrep B not utilized, see YSTR results for this sample reported with PowerPlex Y23.
LT66FY	Modified Rapid DNA analysis was conducted on items 1 and 2 using the ANDE Rapid DNA System and I-chip with FlexPlex27 chemistry (item 1) and Rapid HIT 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 of the following propositions: Item 3 - 2s_u, item 4 - fraction 1 (4f1) - 1su_uu and fraction 2 (4f2) - 1su_uu. In the normal course of casework, the victim (item 1) could have been conditioned upon for both fractions of item 4.
LUZRT3	The 14 allele reported at D16S539 for Item 3 is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. These peaks were further evaluated as stutter probabilistically using STRmix to support this interpretation. The 30.2 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 evaluated as stutter probabilistically using STRmix to support this interpretation.
LZFNZW	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
M3M7AE	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.
M8DQNU	A team approach was used. An additional low signal level allele was detected in a stutter position at SE33 for item 4e. This allele may indicate a third (minor/trace) contributor to the mixture, a low level tri-allele, or extreme elevated stutter. {} = possible trace allele. Additional alleles that may be either a true allele or stutter are not reported within the table for Item 4e. HT = Hematrace, HD = HemDirect
MBZ97E	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.
MCRH22	The [Laboratory] does not perform YSTR or mitochondrial testing.

TABLE 8

WebCode	Additional Comments
MCUYBT	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.
MEYHH2	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.
MFD39Q	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).
ML2MER	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).
MLHYUC	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).
MP4FCW	Carry-over from F1 fraction is 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 2S_U; Item 4f1 1S_UU; Item 4f2 1S_UU. Per FBU policy, statistical analysis would not be conducted in casework as item 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.
MR8EMP	NR = No Results. NT = Not Tested. Benchwork was performed by a qualified DNA examiner. Analysis was performed by test participant DNA analyst. Y-STR testing only was performed.
MUQFHC	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
MV3TQZ	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. This laboratory does not report the HV2 C-stretch region, therefore the range 303-315 was excluded from the range reported.
MX7YAT	Items 3 and 4 were not processed for STR analysis (stopped at quantification). 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 was 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 and 4.
MXQQDC	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
MZFB8G	[] = minor allele
N63BR8	Male DAN from someone who is neither the suspect nor the victim was detected at Item4 sp.
N6BWYP	N/A - Not Applicable
NAZ38E	Authorized in STRs. Not authorized in serology, mito, or YSTRs. Casework reference analyst; not authorized to process/report evidence samples. Not authorized to report conclusions.
NBDBDY	PowerPlex Fusion 6C sample processing was conducted on item 3 and item 4. Autosomal analysis and interpretation was not conducted.

TABLE 8

WebCode	Additional Comments
NBWUKR	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).
NDZD3E	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
NGHX3U	A team approach was used. Item 4 was reported as inconclusive due to being a mixture of more than one contributor. The Missing Persons Unit does not interpret mixtures, but reports the results as inconclusive and is not used for comparisons.
NHUAR6	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.
NLWPG2	The 14 allele reported at D16S539 for Item 4sp is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. The 13 allele reported at D2S441 for Item 4sp is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. The 30.2 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 evaluated as stutter probabilistically using STRmix to support this interpretation. The 24 allele reported at DYS627 for Item 4sp is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile. The 18 allele reported at DYS570 for Item 4sp is defined per laboratory protocol as additional data not impacting the interpretation of results for the profile.
NM4VRG	Reporting results with stutter filters on.
NNNGT8	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).
NU74DB	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.
P3VKBY	Item 4 was inconclusive due to the presence of multiple sequences. This laboratory does not interpret mixtures. This laboratory does not report HVII C stretch in Sanger sequencing data, therefore the range 303-315 is excluded from all samples in this test.
P6JU4R	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
P6ZQVR	Authorized in serology only. Not authorized in STR, YSTR, or mito. Item 4: ALS negative, semen positive.
P7VW8Y	Concordance observed between all overlapping loci for Item 3 and for Item 4 in MiniFiler and Fusion amplification kits. Concordance observed between locus DYS391 for Item 1, for Item 2, for Item 3 and for Item 4 in Y Filer and Fusion amplification kits. Concordance observed between all loci for for Item 3 and for Item 4 in Y Filer and LCN Y Filer amplification kits.
PDGB23	Item 4 was also analysed using Minifiler. The results of this testing were concordant with the Identifier Plus results. The probabilistic genotyping software STRmix v2.7 was used to resolve the mixed DNA profile obtained from sample 4 (epi fraction). The results listed in the CTS report reflect DNA profiles with stutter filters on.
PEM2Q6	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.
PH497R	Authorized in STRs. Not authorized in serology, mito, or YSTRs. Key: --- = Possible Additional Allele(s).
PHACAJ	STRmix analysis was conducted on this test.

TABLE 8

WebCode	Additional Comments
PV4L3J	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).
PW8J3E	Item 4 sperm fraction sample has a 16.2 at D19S433 present and reported. Analyst believes the 16.2 is possible high stutter. The stutter percentage is above what is allowed per our SOP; therefore, the 16.2 is being reported.
PWB2AP	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).
PXMMX7	Item 4 had a differential extraction performed on it. The epithelial fraction resulted in an indistinguishable mixture, which per policy has no comparisons. The sperm fraction was a distinguishable mixture, which per policy only the major can be interpreted, and the comparison has the victim and suspect both excluded as the major, so the overall interpretation for item 4 since the interpretation is not split into fractions will be marked as no for both victim and suspect. 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.
PZ4CUN	A team approach was used. An additional low signal level allele was detected in a stutter position at SE33 for Item 4 fraction 1. This allele may indicate a third (trace) contributor to the mixture, a low level tri-allele, or extreme elevated stutter. Additional alleles that may be either a true allele or stutter are not reported within the table for Item 4. [] = minor, { } = possible trace.
Q3R4JY	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.
Q7B3WU	1. Extraction: In situ extraction method was used to extract DNA from Item 1 and Item 2. Chelex extraction method was used to extract DNA from Item 1, Item 2, Item 3 and Item 4. 2. Quantification: DNA Quantification for Item 1, Item 2, Item 3 and Item 4 was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystem Real Time Polymerase Chain Reaction 7500 System. 3. Amplification: Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out on Item 1 and Item 2 using Globalfiler Express PCR Amplification Kit on the 9700 GeneAmp PCR System. Amplification: Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out on Item 3 and Item 4 using Globalfiler PCR Amplification Kit on the 9700 GeneAmp PCR System. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out on Item 1, Item2 Item 3 and Item 4 using the AmpF STR Y-Filer PCR Amplification Kit on the 9700 GeneAmp PCR System. 2. Electrophoresis: Electrophoresis was carried out using Applied Biosystem 3500 xL Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4. 3. Reagent blank, Positive Control and Negative Control were carried out throughout the analysis and all gave the intended results.
Q9GKVP	NA = Not Applicable. INC = Inconclusive. A team approach was used. 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 them as inconclusive.
QD9V6N	it was detected another person different from the victim and suspect in item4 sp.
QDW46J	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
QENZUD	[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 a visual aid and indicated stain(s) of potential evidentiary value. Presumptive testing for hemoglobin with 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).
QFGZKX	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.
QGM CER	Authorized in STRs. Serology, mtDNA, Y-STRs, and STRmix not performed. Not authorized in serology, mtDNA, Y-STRs and STRmix.
QHN3TM	A team approach was used.
QNB YKJ	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).
QP7KDA	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.
QPNHJV	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.
QRUGKB	Item 3 and 4 not processed forward. Item 3 and 4 not processed forward, serology screening and mitochondrial DNA testing not performed due to analyst being signed off in HID reporting for STRs and YSTRs only.
QQ4LFT	Serology, mito, and Y-STR not performed; Authorized in STRs, not authorized in serology, mito, or Y-STRs.
R2GCJV	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.
R2XPKD	The [Laboratory] does not currently perform Y-STR or mtDNA testing.

TABLE 8

WebCode	Additional Comments
R3PLA8	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).
R6CNW2	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.
R8GUGU	Authorized to report STRs. Not authorized to report YSTRs, mito, or serology.
RAAK4L	NA=Not applicable
RDP4W4	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.
RFWQ62	DYS391 is reported as INC for all samples tested per laboratory PowerPlex Fusion Interpretation Policy. Any labeled peaks that are likely due to PCR/STR artifact seen were not reported.
RJGD72	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. STRmix was used, all alleles from every contributor on the Genotype Probability Distribution table from a mixture profile are reported to the test provider. Every allele given weight as a possible true allele is reported, this includes any potential stutter peaks that may have been given weight during the development of the genotype probability distribution table.
RN4XUW	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 Item Naming] (Item 1) and [Laboratory Specific Item Naming] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences.
RQVE8W	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 fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
RQXZ4C	The Databank section does not use YSTRs, so they were not performed.
RT6DPK	NA=not applicable. NT=not tested. NR=no result.
RTHY9U	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 profiles from the epithelial and sperm fractions due to the incomplete separation.
RTZXCJ	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).
RUA4EL	Serology, Y-STR, and mito not performed- not authorized in YSTRs, mito, or serology. Authorized to report only STRs.
RXKLDJ	NR= No Result. NT= Not Tested. Only Y-STR testing done.

TABLE 8

WebCode	Additional Comments
RXYCYA	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."
RYMT8W	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.
RYQBDB	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).
RZ7GTW	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.
RZHUV	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.
T33P77	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. Interpretation only performed using the Male screening data.
TH2BVM	NR=no results. ^ indicates peaks below stochastic threshold as per DFS policy
TPKPNK	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).
TUTX33	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.
TWDYXP	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
U28EYA	The test for acid phosphatase was inconclusive for Item 4 due to fabric color. [-] Possible additional genetic information may be present. This proficiency test was processed for Y-STR testing only.

TABLE 8

WebCode	Additional Comments
U3GFUJ	At D31358 for item 4, the detected 16 peak was within stutter range. As per our lab's interpretation guidelines, peaks above 100 RFUs that are indistinguishable from the minor component be reported as a potential allele. Since the possibility of allele sharing at this locus cannot be ruled out, and the 16 peak is indistinguishable from the minor component, it was reported as a potential allele. This scenario was similar for the detected 29 peak at D21S11. The 29 peak was within the stutter percentage range and above the analysis threshold of 100 RFUs. Because the possibility of allele sharing could not be ruled out at this locus, and the peak being indistinguishable as part of the minor component, peak 29 was reported as a potential allele. At D7S820, the 10 peak was detected at 94 RFUs, which was above the detection threshold (50 RFUs) but below the analysis threshold (100 RFUs). Per our lab's interpretation guidelines, such peaks will be reported in brackets and used only for exclusionary purposes, so the 10 peak was reported as such.
U9M6CN	Item 4 (underwear) 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.
UA6784	Saliva testing not performed on Item 1-3 and 1-4 per internal instructions.
UFAN3J	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).
UJP8UZ	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. For Item 3 sp (questioned stain from bottom sheet on victim's bed (pink), fraction 2), no human DNA suitable for STR DNA typing was detected; therefore, no allelic results were entered into Item 3 sp for PowerPlex® Fusion 5C and PowerPlex® Y23 as the sample was not amplified.
UR3DDP	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.
UTD6JK	For Item 4 Probabilistic Genotyping software was used to aid in the interpretation and statistical analysis of the DNA profile generated. The results listed in the CTS report reflect the DNA profile with stutter filters on.
UU3LGZ	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.
UVHLZP	The analytical portion of this test was performed by an authorized DNA technician. 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.
UWMMCL	Item 4: ALS negative but semen positive. Authorized in serology only. Not authorized in STR, YSTR, or mito.

TABLE 8

WebCode	Additional Comments
UWQ7HX	Extraction: Item 1 and Item 2 were extracted using FTA wash in-situ extraction (for GlobalFiler PCR amplification). Item 1 and Item 2 were extracted using chelex extraction method (for YFiler PCR amplification). Item 3 was extracted using QIAAsymphony DNA Investigator Kit on QIAAsymphony SP System. Item 4 was extracted using chelex differential extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 extracts were quantified using Quantifiler Trio DNA Quantification kit on RT-PCR QuantStudio 5 System. Amplification: Item 1 and Item 2 FTAs were amplified using GlobalFiler Express PCR kit on ProFlex PCR System. Item 3 and Item 4 extracts were amplified using GlobalFiler PCR kit on 9700 GeneAmp PCR System. Item 1, Item 2, Item 3 and Item 4 extracts were amplified using AmFISTR Y-Filer PCR kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler and Y-Filer amplicons were carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results.
UYJPUW	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. DNA profile results for Item 4, specifically the epithelial cell fraction, exhibited elevated stutter causing additional work in order to obtain a suitable profile for STRmix analysis.
UZWGKT	Item 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.
V2JGXU	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 Item 4, every allele given weight as a possible true allele in the STRmix Genotype Distribution Tables was reported. This includes any potential stutter peaks that may have been given weight during the development of the genotype probability distribution table.
V94FR9	Item 4e, 30.2 at SE33 reported as elevated stutter. Item 4sp, 16.2 at D19S433 reported as elevated stutter.
VC3YPZ	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.
VDXJDZ	Another male DNA type detected in the sp of item 4
VER9RF	NT = not tested. extracted - no male DNA @ quant, halted per policy. NO MITO PROCESSING OR INTERPRETATION.
VJMUVB	Data analysis and interpretation are outside the scope of the participant's current qualification and job duties. Data analysis was completed by a qualified DNA analyst prior to upload. No interpretations were performed.
VJZQXU	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.
VLEWVX	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from item 4e. The results listed in the CTS report reflect DNA profiles with stutter filters on. For item 4s- minor alleles observed have been indicated by brackets. This low level DNA contribution in the sperm fraction may be due to incomplete separation of fractions during differential extraction.

TABLE 8

WebCode	Additional Comments
VM66UZ	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).
VMZY36	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.
VNEA8P	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.
VPKX8M	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
VQ77WJ	Y-str and mitochondrial analysis are not performed at this laboratory
WVCYQE	NT = not tested. Only Y-STR testing was done.
VZ9HZZ	Interpretation only performed, analytical labwork performed by another analyst. 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.
VZNWAW	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.
W4MGRY	In Item 4 e, a mixed profile containing the victim was confirmed, while in Item 4 sp, a DNA profile of another male, neither the victim nor the suspect, was detected.
W9HBPZ	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. item 3 sp fraction (fraction 2) was insufficient for testing.
WB9LQE	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).
WD7MB4	Not authorized to report conclusions.
WDRML2	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. 24Plex interpretation only performed, analytical lab work performed by another analyst. Data analysis only, no interpretation, performed for Y23 data.
WFYXJQ	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
WGTQE9	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. No alleles are present that cannot be attributed to the victim or the donor of the sperm fraction.
WHLGKN	This test was performed by a DNA technician, who is authorized to perform forensic analytical testing. STR data, characterization, and STRmix analysis was performed by an authorized DNA analyst for the purpose of obtaining STR genotypes and genotype tables for data entry. No DNA interpretations of this data will be made.
WHTGWP	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. Item 4Ep exhibited apparent dropout at TH01. 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.
WME3GC	- The traces found on the victim's bed (Item 3) are judged to be the suspect's (Item 2) blood. - The traces of the victim's underwear (Item 4) showed positive results in bloodstain and semen reactions. And in Item 4, the profile of the victim (Item 1) and unidentified man was identified. - The MT sequencing results of all samples are the same, so it is judged to be the maternally related.
WMLJVJ	The answer 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).
WP988J	The amount of DNA detected in the sperm fraction of Item 3 was insufficient for DNA amplification per our laboratory protocols. Therefore, analysis of this sample was stopped after quantification. No amplification was performed. Did not perform Mito or Y-STR analysis as we do not have these technologies validated in our laboratory.
WPYJGN	Serology and mito not performed. Not authorized in serology or mito.
WRRCPPE	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).
WXDTZX	NOTE: Due to use of probabilistic genotyping software, one possible stutter peak (D16S539 - 12) was assigned as part of a possible genotype with very low weight for Item 4NS (e-cell fraction of Item 4); therefore, it was included in the results table for that item/locus.
WXECXE	The sperm fraction of Item 3 had Ong Auto and << 100pg Y at quant. Therefore the sperm fraction of Item 3 was not amp'd and there is no STR data. The allele boxes for the sperm fraction of Item 3 were left intentionally blank.
WZ8VAD	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).
X3PLL3	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
XFG2Z4	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.
XJ9KMT	Extraction : 1) Item 1 and Item 2 were extracted using in-situ method. 2) Item 3 and Item 4 were extracted using DNA Investigator Kit via QIASymphony SP. Quantification : Item 3 and 4 were quantified using Quantifiler Trio DNA Quantitation Kit on QuantStudio 5. Amplifications : 1) Item 1 and Item 2 were amplified using the GlobalFiler Express kit on Proflex PCR System. 2) Item 3 and Item 4 were amplified using the GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. 3) Item 1, Item 2, Item 3 and Item 4 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (GlobalFiler Express, Globalfiler PCR and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
XL34YT	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.
XLHMJQ	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.
MXNLR	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.
XN4BVQ	Extraction: -Item 1 and Item 2 were extracted using the in-situ method. -Item 3 and Item 4 were extracted using DNA Investigator kit via QIASymphony SP. Quantitation: -Item 3 and Item 4 were quantified using ABI 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 4 were amplified using Globalfiler Amplification kit on ABI GeneAmp PCR System 9700. -Item 1, Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification kit on ABI GeneAmp PCR System 9700. Electrophoresis: -Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4 for both GlobalFiler and Y-Filer product. Quality Control: -Reagent blank, Positive Control and Negative Control were carried out during analysis and all gave intended results.
XTX9KG	The sperm fraction in the Item 4 (4 sp) contains a male DNA different from the victim or the suspect.
XUDPK2	Item 4 e (ns) fraction is a mixed DNA profile of two contributors but had elevated stutter at D19-16.2 and SE33-30.2 that could not be edited following our SOPs.
XVCLGQ	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
XWZJMR	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 Item Naming] (Item 1) and [Laboratory Specific Item Naming] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed includes HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences. Item 2 regions analyzed includes HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. There are no VR differences.
Y3LXQN	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. This laboratory does not report the HV2 C-stretch, thus the 303-315 range is excluded from being reported.
Y3MJ8H	A team approach was used. Additional alleles that may be either a true allele or stutter are not reported within the table for Item 4.
Y6BM7G	The sperm fraction from Item 3 was not amplified due to an insufficient amount of male DNA being detected at quant, based on laboratory policy. High stutter observed in the sperm fraction of Item 4 at D19S433, allele 16.2. Did not include in table and labeled as high stutter in notes. Only completed portions of test that are on our scope of accreditation.
Y8DTGF	^ Peaks below stochastic threshold, as per DFS, DNA unit policy
YANJYW	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).
YG64TW	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. Comparisons to determine inclusion or exclusion of both the victim and the suspect for item 4 above was only done on the major contributor of the sperm cell fraction (Both the victim and the suspect are excluded as a contributor to the major component of this male DNA profile); no comparisons were performed on the minor component of the sperm cell fraction based on current [Laboratory] policy. Since the epithelial cell fraction was interpreted as an indistinguishable mixture, no comparison was able to be performed to that fraction based on current [Laboratory] policy.
YHXZHQ	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.
YJRN2L	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 from the epithelial and sperm fractions due to the incomplete separation.
YQAZ6E	N/A = not applicable
YQT3K2	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.
YTH26R	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.
YUEMRQ	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
YUQJWV	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.
YWHFLP	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.
YXPUTV	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. Per internal SOPs, for item 4, comparisons were only made to the major component for the sperm cell fraction. No comparisons were made to the minor component of the sperm cell fraction. The epithelial cell fraction is an indistinguishable mixture and no comparisons were made.
YZAVMH	Authorized in STRs. Not authorized in serology, mito, or YSTRs.
Z4B6J6	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 sources of DNA from the donor of the sperm fraction. No alleles are present in the non-sperm fraction that cannot be attributed to the victim or the donor of the sperm fraction.
Z63BXC	At D3S1358 for item 4, there is an allele 16 that is within stutter range. However, our lab's interpretation guidelines state that any peaks above 100 RFU (allele 16 was 592 RFU's) that are indistinguishable from the minor component should be reported as a potential allele. Therefore due to the presence of a mixture and the possibility of allele sharing at this locus, allele 16 was reported. Similarly, at D21S11 there is an allele 29 in stutter position and within our stutter percentage range. Because it was above 100 RFU's, not clearly distinguishable as stutter, and due to the possibility of allele sharing at this locus, allele 29 was reported as a potential allele at D21S11 per our lab's interpretation guidelines. At D7S820, we picked up a 10 allele which could be a potential allele or an artifact. This 10 allele was at 94 RFU's. Per our lab's interpretation guidelines, peaks above the detection threshold (75 RFU's) but below the analysis threshold (100 RFU's) will be reported in brackets and only used for exclusionary purposes, so allele 10 was reported as such.
Z66VPK	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 epithelial profile due to the incomplete separation.
Z67UJR	DY391 is reported as INC for the PowerPlex@Fusion System as per our laboratory policy. Any labeled peaks seen in the samples that are due to PCR/STR artifact were not reported.
Z97WR3	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 donor of the sperm fraction. No alleles are present that cannot be attributed to the victim or the donor of the sperm fraction.
ZCKGTW	Another male profile was obtained from item 4 which showed semen positive result in the screening test.
ZFQ4KT	The probabilistic genotyping software STRmix 2.7.0 was used to resolve the mixed DNA profile obtained from sample 4 e. The results listed in the CTS report reflect DNA profiles with stutter filters on.
ZHQCEG	Team Approach was used. Male screening processing-interpretation only.
ZLQN8W	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.
ZTAM6W	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
ZYZY7K	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.
ZZA73K	Flexplex 27 used only for Item 2 and Item 4-SP.
ZZVKTJ	SNP results not reported for items 1-4, Item 4 cell fraction NGS results not reported due to the presence of mixture per SOP

-End of Report-
(Appendix may follow)

Test No. 24-5702: Forensic Biology

DATA MUST BE SUBMITTED BY **May 06, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: CFUMCD

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Police are investigating a sexual assault involving a male victim and male suspect who are maternally related. The victim reports to police that the suspect forced him to have sex in his own bed. The victim confirms that the suspect did ejaculate. Both the victim and the suspect were injured during the assault. Police are submitting a stain from the bottom sheet on the victim's bed (Item 3) and a stain from the underwear the victim was wearing during the assault (Item 4). Also provided are known standards from the male victim (Item 1) and male suspect (Item 2).

For the purposes of this proficiency test, please disregard any considerations of probative value of evidence based on the relationship between the victim and suspect.

Items Submitted (Sample Pack B2):

Item 1: Known blood from the male victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from bottom sheet on victim's bed (pink)

Item 4: Questioned stain from victim's underwear (blue)

Part I: SCREENING TESTS

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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

Item 3:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)