



Forensic Biology Test No. 21-5704 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 590 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain in Item 3 was a mixture prepared from human whole blood and semen. The semen sample was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Items 1 (50 μ l) and 4 (50 μ l) were created using blood collected from the same female donor. Item 2 (50 μ l) was created using blood collected from a male donor. Item 3 (50 μ l) was created using a 1:1 mixture of blood from the female donor used in Item 1 and semen from a male donor whose known standard was not provided. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on July 7, 2021 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	15,17.3	23,24	11,11	14,15	12,12	*
	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NM	NM	NM	NM	
2	12,16	17,19	12,14	15,15	11,12	*
	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14	2	
3-Blood	15,17.3	23,24	11,11	14,15	12,12	*
	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NM	NM	NM	NM	
3-Semen	13,14	17,23	11,11	15,18	11,11	*
	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16	2	
4	15,17.3	23,24	11,11	14,15	12,12	*
	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NM	NM	NM	NM	

YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	11	21	14	18	21	13	11
3-Semen	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11	12	19	16	20	21	12	11

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16569
2	73-340	16024-16365
4	73-340	16024-16365

Deviations HVR-II, HVR-I

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

	73.0	143.0	146.0	152.0	195.0	263.0	315.1	16093.0	16189.0	16223.0	16278.0	16294.0	16309.0
ITEM 1	G	A	C	C	C	G	C	C	C	T	T	T	G

	73.0	150.0	189.0	200.0	263.0	309.1	315.1	16185.0	16223.0	16327.0
ITEM 2	G	T	G	G	G	C	C	T	T	T

	73.0	143.0	146.0	152.0	195.0	263.0	315.1	16093.0	16189.0	16223.0	16278.0	16294.0	16309.0
ITEM 4	G	A	C	C	C	G	C	C	C	T	T	T	G

Summary Comments

The 21-5704 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood collected from the same female donor. Item 2 was created using blood collected from a male donor. Item 3 was created using a mixture of blood from the female donor used in Item 1 and semen from a male donor whose known standard was not provided. (See Manufacturer's Information for preparation details)

Data were returned by 590 participants.

Screening Test Results:

Screening results were returned by a total of 559 participants. However, not all of these participants returned screening results for all fluids (blood, semen, saliva) for both questioned items, which explains the large differences in the tallies discussed below.

For Item 3, all 557 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, 540 participants reported "Positive" and three reported "Inconclusive." For the presence of saliva, 124 participants reported "Negative" and one participant reported "Inconclusive."

For Item 4, all 559 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, one participant reported "Positive," 483 participants reported "Negative," and three participants reported "Inconclusive." For the presence of saliva, 122 participants reported "Negative" and one participant reported "Inconclusive."

DNA Analysis Results:

Of the 590 participants that returned results, 570 reported DNA results. One participant stated that the samples were analyzed for database purposes only, three selected the "No Interpretations" options individually for all interpretation questions, and fifteen participants did not respond.

For the Item 3 stain, the interpretation breakdown is as follows: 560 participants that reported interpretations included the victim (Item 1) as a possible contributor. Three participants excluded the victim as a possible contributor and one participant was inconclusive as to whether the victim was a contributor. A total of 567 participants excluded the suspect (Item 2) as a possible contributor and three were inconclusive as to whether the suspect was a contributor.

For the Item 4 stain, the interpretation breakdown is as follows: all of the responding participants that reported interpretations included the victim (Item 1) as a possible contributor. All but one of the responding participants excluded the suspect (Item 2) as a possible contributor. The remaining participant was inconclusive as to whether the suspect (Item 2) was a possible contributor.

A total of 197 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter peaks may be included in the DNA results. Of these participants, 38 reported additional alleles compared to the consensus/predistribution results for one or more of the questioned items.

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
22FAJF	Pos TMB, Takayama, RSID-Blood	Pos TMB, Takayama, RSID-Blood
23DNU7	Pos KM, Combur(TMB)	Pos KM, Combur(TMB)
247MRQ	Pos KM	Pos KM
28Z9F2	Pos KM, TMB	Pos KM, TMB
2BMBFZ	Pos KM	Pos KM
2CVAQ9	Pos TMB, HemDirect	Pos TMB, HemDirect
2DAP9G	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
2DTKNW	Pos TMB	Pos TMB
2FUNDY	Pos TMB	Pos TMB
2GBLZW	Pos KM, Hb HemeDirect	Pos KM, Hb HemeDirect
2J2WP4	Pos KM (PHT)	Pos KM (PHT)
2KWNPG	Pos KM	Pos KM
2NNWW4	Pos TMB, HEMDIRECT	Pos TMB, HEMDIRECT
2PQCFW	Pos Hemastix	Pos Hemastix
2QEMXW	Pos KM, RSID	Pos KM, RSID
2TPNDH	Pos TMB, Takyama	Pos TMB, Takayama
2VW24W	Pos KM, HemaTrace	Pos KM, HemaTrace
2XD82C	Pos KM	Pos KM
2YR3VC	Pos KM	Pos KM
32DHT7	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
33PDDD	Pos KM	Pos KM
37TLE	Pos LMG	Pos LMG
38VNAQ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
39F4YT	Pos KM, HemaTrace	Pos KM, HemaTrace
3BKPV7	Pos HemDirect	Pos HemDirect
3BYABA	Pos PTMB	Pos PTMB
3E4V3F	Pos TMB, TAK	Pos TMB, TAK
3FCMZH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3FFMY4	Pos LMG	Pos LMG
3JBXVH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3JQRHQ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3KNVF8	Pos KM, HemaTrace	Pos KM, HemaTrace
3KQQUC	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3MBKWE	Pos KM	Pos KM
3PGZAC	Pos KM, HemaTrace	Pos KM, HemaTrace
3PJR6D	Pos KM	Pos KM
3PMGAB	Pos KM	Pos KM
3TJ32D	Pos KM, ABACard	Pos KM, ABACard
3TLNQM	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
3TYCRE	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
3VQDTV	Pos KM	Pos KM
3WD26V	Pos TMB	Pos TMB
3WYNNE	Pos TMB, Micro (Takayama), RSID	Pos TMB, Micro (Takayama), RSID
44VK9V	Pos KM	Pos KM
4AJHKP	Pos KM	Pos KM
4BFYV2	Pos KM	Pos KM
4C99PX	Pos KM	Pos KM
4EE2VB	Pos Phenolphthalein	Pos Phenolphthalein
4EJMJ4	Pos KM	Pos KM
4FP9UW	Pos TMB	Pos TMB
4LHHGW	Pos KM	Pos KM
4N6MZ9	Pos KM	Pos KM
4TDF6Z	Pos KM, TMB	Pos KM, TMB
4TTCEQ	Pos LMG, ABA HemaTrace	Pos LMG, ABA HemaTrace
4UB6QM	Pos KM	Pos KM
4VL9Z6	Pos TMB, HemaTrace	Pos TMB, HemaTrace
4VMZY8	Pos TMB, HemDirect	Pos TMB, HemDirect
4WCJNC	Pos PTMB	Pos PTMB
4WL6T9	Pos KM	Pos KM
4XA9XU	Pos HEMATRICE	Pos HEMATRICE
68CFCZ	Pos PTMB, HemDirect	Pos PTMB, HemDirect
6BVLNF	Pos KM	Pos KM
6DJZB6	Pos KM, HemaTrace	Pos KM, HemaTrace
6EQB6M	Pos KS	Pos KS
6EVKB2	Pos TMB, HemDirect	Pos TMB, HemDirect
6G4VDC	Pos TMB, Hemochromogen	Pos Hemochromogen
6JT6B6	Pos PTMB	Pos PTMB
6QPZ94	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6RJ7B	Pos KM	Pos KM
6YZPR3	Pos KM, HemaTrace	Pos KM, HemaTrace
6Z86ZU	Pos KM	Pos KM
6ZQE6A	Pos PTMB	Pos PTMB
6ZT9J9	Pos pth	Pos IR, pth, HemaTrace
76M4HZ	Pos KM	Pos KM
7BQ9UR	Pos TMB	Pos TMB
7EU924	Pos PTMB	Pos PTMB
7H76GD	Pos KM	Pos KM
7HN268	Pos KM	Pos KM
7HUCXX	Pos KM	Pos KM
7J7W2Z	Pos PTMB	Pos PTMB
7J8VXU	Pos TMB	Pos TMB
7KRVJ4	Pos TMB, HemDirect	Pos TMB, HemDirect
7LP7HR	Pos TMB	Pos TMB
7PPDZ4	Pos PTMB	Pos PTMB
7QKQR3	Pos KM, HemaTrace	Pos KM, HemaTrace
7U39PE	Pos IR, KM, HemaTrace	Pos IR, KM, HemaTrace
7VEQ9J	Pos TMB, LMG, RSID	Pos TMB, LMG, RSID
7YZJ78	Pos PTMB	Pos PTMB
82DUBM	Pos lmg	Pos lmg
839UF9	Pos KM	Pos KM
86DZRE	Pos KM	Pos KM
87AJP9	Pos KM, HemaTrace	Pos KM, HemaTrace
8BBAM2	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
8DBVQC	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
8EN9K2	Pos LMG	Pos LMG
8GVF4T	Pos TMB, HemaTrace	Pos TMB, HemaTrace
8JDRNQ	Pos TMB	Pos TMB
8L7G9X	Pos KM	Pos KM
8L8LFT	Pos KM, HT	Pos KM, HT
8LTZ7R	Pos KM, HemaTrace	Pos KM, HemaTrace
8MEQ6B	Pos RSID(HemaTrace)	Pos RSID(HemaTrace)
8Q2FG2	Pos KM	Pos KM
8QJ8QL	Pos KM	Pos KM,

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
8QRCD4	Pos RSID	Pos RSID
8XZUCB	Pos KM	Pos KM
92DYJ4	Pos KM	Pos KM
962GU3	Pos PTMB	Pos PTMB
96ACTU	Pos KM	Pos KM
98EFQ4	Pos TMB, HemDirect	Pos TMB, HemDirect
98HTKR	Pos KM	Pos KM
9DM79W	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
9E28B4	Pos PTMB	Pos PTMB
9EFP23	Pos KM	Pos KM
9EYDJX	Pos TMB	Pos TMB
9EZZNW	Pos KM	Pos KM
9H3FDT	Pos KM, HT	Pos KM, HT
9HZ77N	Pos KM	Pos KM
9JV4XA	Pos PTMB	Pos PTMB, HemaTrace
9L3GL3	Pos KM	Pos KM
9M96LZ	Pos TMB, HemDirect	Pos TMB, HemDirect
9MXZN4	Pos LMG	Pos LMG
9NLEWL	Pos LMG, HemaTrace	Pos LMG, HemaTrace
9QCGYT	Pos KM, HT	Pos KM, HT
9R9EA4	Pos Phenolphthalein	Pos Phenolphthalein
9RQY3Y	Pos KM	Pos KM
9UA6A9	Pos TMB, Takayama	Pos TMB, Takayama
9UR4HZ	Pos KM	Pos KM
9UWKGY	Pos KM	Pos KM
9VQBXY	Pos KM	Pos KM
9WJ882	Pos TMB, HemDirect	Pos TMB, HemDirect
9ZXA8Y	Pos HemaTrace	Pos HemaTrace
A4FCN9	Pos TMB, Takayama	Pos TMB, Takayama
A4GEC8	Pos KM	Pos KM
A4RPTQ	Pos KM	Pos KM
A7378V	Pos KM	Pos KM
A74VGU	Pos TMB, Hemdirect	Pos TMB, Hemdirect
A7JKY9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
A8XJZP	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
AAGARZ	Pos LMG	Pos LMG
AAJDMH	Pos KM	Pos KM
AAZLLK	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ABTA72	Pos TMB, HemDirect	Pos TMB, HemDirect
ADLCXB	Pos KM, HemaTrace	Pos KM, HemaTrace
AFN67M	Pos KM	Pos KM
AG3NQQ	Pos O-tol	Pos O-tol
AJBP6P	Pos KM, HemaTrace	Pos KM, HemaTrace
AKLJVX	Pos KM	Pos KM
ALKRVV	Pos PTMB, HemDirect	Pos PTMB, HemDirect
AMTWG7	Pos PTMB	Pos PTMB
AZF6Y6	Pos KM	Pos KM
B8ANXE	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
B8RGW3	Pos PTMB	Pos PTMB
BAFZTU	Pos TMB, Hemdirect	Pos TMB, Hemdirect
BDLKU2	Pos KM	Pos KM
BFPA7H	Pos KM, HemaTrace	Pos KM, HemaTrace
BGV2QH	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BKET47	Pos KM	Pos KM
BNFYKX	Pos KM	Pos KM
BPZG78	Pos KM	Pos KM
BQ9UCZ	Pos PTMB	Pos PTMB
BRKZUP	Pos TMB, HemDirect	Pos TMB, HemDirect
BTBUCW	Pos KM	Pos KM
BTVE7H	Pos LMG, HemaTrace	Pos LMG, HemaTrace
BVWDLG	Pos KM	Pos KM
BX8G97	Pos LMG	Pos LMG
BYZ986	Pos KM	Pos KM
BZYB8V	Pos KM, HemDirect	Pos KM, HemDirect
C6MH6U	Pos KM	Pos KM
CJQJ36	Pos LMG	Pos LMG
CM2KG3	Pos KM	Pos KM
CMPZFY	Pos LMG	Pos LMG
CMZZYM	Pos TMB, HemDirect	Pos TMB, HemDirect
CP6P73	Pos ALS, PTH, ABACard HemaTrace	Pos PTH

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CPULZ7	Pos KM	Pos KM
CRJVYY	Pos PTMB	Pos PTMB
CTCU9Q	Pos KM, HemaTrace	Pos KM, HemaTrace
CU36XX	Pos PTMB	Pos PTMB
CUDH6M	Pos ABACard HemaTrace	Pos ABACard HemaTrace
CWAGGK	Pos HSTX	Pos HSTX
CWNWUL	Pos KM, HemaTrace	Pos KM, HemaTrace
CYK9Y3	Pos KM	Pos KM
CZ9XRU	Pos PTMB	Pos PTMB
D2FDZK	Pos Hemastix	Pos Hemastix
D47R9V	Pos KM	Pos KM
D66M3Y	Pos LMG	Pos LMG
DATXRH	Pos KM	Pos KM
DCYRXV	Pos KM	Pos KM
DDBLL9	Pos KM	Pos KM
DE6EBZ	Pos PTH	Pos PTH
DJKNW6	Pos LMG	Pos LMG
DKANQN	Pos KM	Pos KM
DLHXGZ	Pos KM	Pos KM
DMK7QQ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
DMU6TL	Pos TMB	Pos TMB
DPH9CZ	Pos KM	Pos KM
DT69PF	Pos LMG	Pos LMG
DVEAYT	Pos KM, HemaTrace	Pos KM, HemaTrace
DXCE9L	Pos KM	Pos KM
DY8AZH	Pos LMG	Pos LMG
DZ4MPV	Pos TMB, HemDirect	Pos TMB, HemDirect
DZAWU3	Pos PPTH, O-tol, HemDirect	Pos PPTH, O-tol, HemDirect
E2HDKL	Pos KM, HemaTrace	Pos KM, HemaTrace
E3PVHG	Pos KM, HemaTrace	Pos KM, HemaTrace
E4ZJV2	Pos PTMB	Pos PTMB
E8V6A6	Pos LMG	Pos LMG
EDF9XV	Pos TMB	Pos TMB
EE2JDU	Pos KM	Pos KM
EFWQT7	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
EFZ79R	Pos LMG	Pos LMG
EGJYL2	Pos KM	Pos KM
EHFRQD	Pos KM	Pos KM
EHJHMN	Pos KM, HemaTrace	Pos KM, HemaTrace
EJDRGK	Pos KM	Pos KM
EL3JN2	Pos TMB, Takayama	Pos TMB, Takayama
ELYD8M	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ERBPMU	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
ERUJ9N	Pos KM, HemaTrace	Pos KM, HemaTrace
ETKUWW	Pos KM, HemaTrace	Pos KM, HemaTrace
EXVRHX	Pos TMB, HemDirect	Pos TMB, HemDirect
EY8KG7	Pos KM	Pos KM
EYUYXW	Pos PTMB	Pos PTMB
EZ29Z2	Pos PTMB	Pos PTMB
EZYCYP	Pos O-tol, Seratec Hemdirect, Seratec PMB	Pos O-tol Seratec Hemdirect, Seratec PMB
F2FW3U	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
F39V2D	Pos KM, O-tol, RSID, HemaTrace	Pos KM, O-tol, RSID, HemaTrace
F6Q8MV	Pos KM	Pos KM
F8XMZT	Pos KM, HemaTrace	Pos KM, HemaTrace
F9EMCV	Pos KM	Pos KM
FF9R8R	Pos KM	Pos KM
FFTKPG	Pos Hemastix	Pos Hemastix
FHY6F3	Pos KM, HemaTrace	Pos HemaTrace
FJATBV	Pos KM, HemaTrace	Pos KM, HemaTrace
FNJ9KJ	Pos KM	Pos KM
FPGV7J	Pos KM	Pos KM
FWCKER	Pos KM	Pos KM
FWZRTQ	Pos PTMB	Pos PTMB
FXW7JP	Pos KM	Pos KM
FYHY47	Pos KM	Pos KM
G2L4BY	Pos KM	Pos KM
G68PGT	Pos LMG	Pos LMG
G8AJ7X	Pos PTMB	Pos PTMB
G8MF6B	Pos KM	Pos KM
GBAPMP	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
GDFFPX	Pos PTMB	Pos PTMB
GG6PTX	Pos KM	Pos KM
GHD766	Pos LMG; HemaTrace	Pos LMG; HemaTrace
GJM2FF	Pos Hemastix	Pos Hemastix
GJRCHE	Pos KM, HemaTrace	Pos KM, HemaTrace
GP9DGJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
GQDZKW	Pos KM	Pos KM
GQQWLV	Pos PTMB	Pos PTMB
GRFQ3Q	Pos KM	Pos KM
GVVNLR	Pos KM	Pos KM
GYJ6BT	Pos LMG	Pos LMG
H8Q76R	Pos PTMB	Pos PTMB
HB442T	Pos TMB, HemDirect	Pos TMB, HemDirect
HCG72T	Pos KM	Pos KM
HCHJJ2	NT	Pos HemaTrace
HE4FXT	Pos TMB, HemDirect	Pos TMB, HemDirect
HHMZVP	Pos KM, HemaTrace	Pos KM, HemaTrace
HJX6KR	Pos KM, HemaTrace	Pos KM, HemaTrace
HKDJW9	Pos KM	Pos KM
HRDTGE	Pos KM	Pos KM
HTB67F	Pos KM, HemaTrace	Pos KM, HemaTrace
HX8MRM	Pos KM	Pos KM
J4MQYN	Pos TMB, HemDirect	Pos TMB, HemDirect
J7TCKT	Pos PTMB	Pos PTMB
J7U22J	NT	
J82TYL	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
JC3D3Q	Pos KM	Pos KM
JCYZAM	Pos PTMB	Pos PTMB
JF73MY	Pos KM	Pos KM
JGVDKR	Pos PTMB	Pos PTMB
JJG78U	Pos KM	Pos KM
JMV2PC	Pos O-tol	Pos O-tol
JQJB8Q	Pos KM	Pos KM
JRW3XM	Pos LMG	Pos LMG
JUCNDM	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
JUZMY2	Pos KM	Pos KM
JVA8TQ	Pos KM	Pos KM
JW6BEQ	Pos KM, HemaTrace	Pos KM, HemaTrace
JXGLZW	Pos KM, HemaTrace	Pos KM, HemaTrace
JZ9WDP	Pos KM	Pos KM
K4F6TJ	Pos KM, Seratec HemDirect	Pos KM, Seratec HemDirect
K6VB9A	Pos KM	Pos KM
K9Q9C7	Pos KM	Pos KM
K9RGQF	Pos LMG	Pos LMG
KA7D9J	Pos TMB, HemDirect	Pos TMB, HemDirect
KAW7JX	Pos LMG	Pos LMG
KCWHVP	Pos TMB, HemaTrace	Pos TMB, HemaTrace
KDM4PV	Pos KM	Pos KM
KDWEPT	Pos KM	Pos KM
KFFKW3	Pos KM	Pos KM
KH38JN	Pos LMG	Pos LMG
KHCF8P	Pos TMB, HemDirect	Pos TMB, HemDirect
KJFL6D	Pos KM, HemaTrace	Pos KM, HemaTrace
KL3HAW	Pos PTMB	Pos PTMB
KNLPKD	Pos KM, HemaTrace	Pos KM, HemaTrace
KPGKEW	Pos KM	Pos KM
KQDDCL	Pos KM	Pos KM
KQTMEU	Pos PTMB	Pos PTMB
KRRZPU	Pos PTMB	Pos PTMB
KUR8XK	Pos TMB, HemDirect	Pos TMB, HemDirect
KWZPAH	Pos KM	Pos KM
KXAHWA	Pos LMG	Pos LMG
L6A3QH	Pos KM	Pos KM
LA4WW7	Pos PH	Pos PH, HT
LAZJ3H	Pos TMB	Pos TMB
LFBMYC	Pos KM, HemaTrace	Pos KM, HemaTrace
LM74GN	Pos KM, TMB	Pos KM, TMB
LMTTX6	Pos HStx, HTrace	Pos HStx, HTrace
LMUTUX	Pos KM	Pos KM
LNHBQP	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LQ8TQP	Pos PTMB	Pos PTMB
LURBGM	Pos KM	Pos KM
LVM44T	Pos PTMB	Pos PTMB
LWG XVW	Pos KM	Pos KM
LWZLB7	Pos KM	Pos KM
LX763L	Pos TMB, HemDirect	Pos TMB, HemDirect
LXN9JY	Pos KM	Pos KM
LXTL7V	Pos TMB, Micro, RSID	Pos TMB, Micro, RSID
LZFV6	Pos KM	Pos KM
M29VXM	Pos KM	Pos KM
M2KAXM	Pos PTMB	Pos PTMB
M49TVD	Pos TMB	Pos TMB
MCARZA	Pos KM, HemaTrace	Pos KM, HemaTrace
MDG9VK	Pos KM	Pos KM
MDYATU	Pos KM	Pos KM
MFQ7JA	Pos KM	Pos KM
MGWX3A	Pos TMB	Pos TMB
MGZBWX	Pos KM	Pos KM
MJ64NB	Pos KM	Pos KM
MJMWG9	Pos KM	Pos KM
MKY29Y	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MQNXB9	Pos KM, HemaTrace	Pos KM, HemaTrace
MRXTCL	Pos KM	Pos KM
MXA4NM	Pos KM, HemaTrace	Pos KM, HemaTrace
MY34M7	Pos KM	Pos KM
MYHECY	Pos KM	Pos KM
MYWMJD	Pos LMG and HemaTrace	Pos LMG and HemaTrace
MZEFR3	Pos KM	Pos KM
MZUZDL	Pos KM, HemaTrace	Pos KM, HemaTrace
N2VHFL	Pos TMB, HemDirect	Pos TMB, HemDirect
N7EJU7	Pos KM, HemaTrace	Pos KM, HemaTrace
N86UJE	Pos KM, HemaTrace	Pos KM, HemaTrace
NAU6A8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
NC9ALC	Pos KM	Pos KM
NDDZEK	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
NDWB3E	Pos KM	Pos KM
NFYM6L	Pos TMB, HemDirect	Pos TMB, HemDirect
NGD8XW	Pos KM	Pos KM
NHXRYM	Pos LMG	Pos LMG
NJHUE8	Pos LMG	Pos LMG
NKE6DV	Pos KM, HemaTrace	Pos KM, HemaTrace
NM2WCE	Pos TMB, HemDirect	Pos TMB, HemDirect
NMXYRQ	Pos KM, Hemoglobin Assay	Pos KM, Hemoglobin Assay
NQ2ZAT	Pos KM, HemaTrace	Pos KM, HemaTrace
NQ6HCX	Pos KM	Pos KM
NQNAFG	Pos KM	Pos KM
NTCQPP	Pos PTMB	Pos PTMB
NVQA3L	Pos KM, RSID	Pos KM, RSID
NVYGN9	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
NW67GJ	Pos TMB, HemDirect	Pos TMB, HemDirect
NWTALR	Pos KM	Pos KM
NYBKB4	Pos KM, HemaTrace	Pos KM, HemaTrace
NZPV8N	Pos KM	Pos KM
P22WXG	Pos PTMB	Pos PTMB
P2FC3G	Pos PTMB	Pos PTMB
P6UA9J	Pos KM, HemaTrace	Pos KM, HemaTrace
PB3LBB	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
PJ3QJU	Pos KM, HemaTrace	Pos KM, HemaTrace
PJGBB6	Pos KM	Pos KM
PKCQPM	Pos PTMB	Pos PTMB
PMK48N	Pos PTMB	Pos PTMB
PMV27D	Pos TMB, HemDirect	Pos TMB, HemDirect
PMYEZ2	Pos KM	Pos KM
PPMZJC	Pos TMB	Pos TMB
PPYWPG	Pos TMB, HemDirect	Pos TMB, HemDirect
PTPQWJ	Pos PTMB	Pos PTMB
PUDAUB	Pos TMB, HemDirect	Pos TMB, HemDirect
PYBURT	Pos PTMB	Pos PTMB, HemaTrace
Q38VCL	Pos KM	Pos KM
Q4VXVA	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Q4XVGK	Pos KM	Pos KM
Q6GQA8	Pos KM, HemDirect	Pos KM, HemDirect
Q73QWG	Pos TMB, HemDirect	Pos TMB, HemDirect
Q7PY7K	Pos TMB, HemDirect	Pos TMB, HemDirect
QD4XLH	Pos PTMB	Pos PTMB
QGT8WJ	Pos KM, HemaTrace	Pos KM, HemaTrace
QHJD6G	Pos TMB, HemDirect	Pos TMB, HemDirect
QLX9PL	Pos HemaTrace	Pos HemaTrace
QP4AHK	Pos Combur (TMB), KM	Pos Combur (TMB), KM
QT3NWL	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
QT4T3H	Pos KM	Pos KM
QTPYQN	Pos PTMB	Pos PTMB
QU9A8F	Pos TMB	Pos TMB
QUDMZ4	Pos LMG	Pos LMG
QV78CN	Pos KM	Pos KM
QW4UDD	Pos KM	Pos KM
QW7JFP	Pos HemDirect	Pos HemDirect
QXH78C	Pos KM, HemaTrace	Pos KM, HemaTrace
QYLKBQ	Pos KM, Hb	Pos KM, Hb
QZ63DG	Pos KM, HemaTrace	Pos KM, HemaTrace
QZYAFN	Pos KM	Pos KM
R33R6N	Pos PTMB	Pos PTMB
R39ZHH	Pos TMB, HemaTrace	Pos TMB, HemaTrace
R7GYFN	Pos KM	Pos KM
R7Z9J4	Pos LMG	Pos LMG
R8UCFE	Pos RSID	Pos RSID
R8XL3P	Pos KM	Pos KM
RC73DY	Pos KM	Pos KM
RDKCPK	Pos PTMB	Pos PTMB
RJ2LGA	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
RJPMQ7	Pos KM	Pos KM
RLWFRD	Pos TMB, HemDirect	Pos TMB, HemDirect
RLWQ92	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RMNTVG	Pos KM	Pos KM
RNKGLM	Pos TMB, Hemochromogen	Pos Hemochromogen

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
RPQ4W7	Pos ABACard HemaTrace Blood	Pos ABACard HemaTrace Blood
RQFEE9	Pos KM, HemaTrace	Pos KM, HemaTrace
RV67A9	Pos KM	Pos KM
RWYQ7F	Pos PTMB	Pos PTMB
RY4EJK	Pos PTMB	Pos PTMB
RZFMJR	Pos LMG	Pos LMG
T3HHM8	Pos LMG, HemaTrace	Pos LMG, HemaTrace
T3K86B	Pos KM	Pos KM
T47L7L	Pos Phenolphthalein, HemaTrace	Pos Phenolphthalein, HemaTrace
T6269M	Pos KM	Pos KM
T7622C	Pos PTMB, HemDirect	Pos PTMB, HemDirect
T8E4RG	Pos LMG	Pos LMG
TDWD38	Pos TMB	Pos TMB
TEA6VN	Pos KM	Pos KM
TENNJR	Pos KM, HemaTrace	Pos KM, HemaTrace
TEXANN	Pos KM	Pos KM
TFNNLD	Pos PTMB	Pos PTMB
THT9U7	Pos KM, HT	Pos KM, HT
TK33NK	Pos KM, HemaTrace	Pos KM, HemaTrace
TK6VE7	Pos KM	Pos KM
TL72F6	Pos TMB, Hemdirect	Pos TMB, Hemdirect
TPV262	Pos KM, HemaTrace	Pos KM, HemaTrace
TQ6F6F	Pos KM	Pos KM
TR2PH7	Pos KM	Pos KM
TYYJDJ	Pos PTMB	Pos PTMB
TYYTEB	Pos KM	Pos KM
U3DQKC	Pos KM	Pos KM
U4NVVF	Pos KM, RSID	Pos KM, RSID
U6Y3AM	Pos KM	Pos KM
U7F8XD	Pos LMG	Pos LMG
U9K394	Pos Hemastix	Pos Hemastix
UAXM7J	Pos PTMB	Pos PTMB
UJ7WVX	Pos KM	Pos KM
UJYB3H	Pos KM	Pos KM
UKAYB2	Pos Hemastix	Pos Hemastix

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UMLE63	Pos Hemastix	Pos Hemastix
UN9UW4	Pos TMB	Pos TMB
UNTVYR	Pos KM	Pos KM
URZ6E4	Pos KM, Hemedirect	Pos KM, Hemedirect
UTQF3B	Pos KM	Pos KM
UVU9YV	Pos ALS, LMG, TMB, RSID	Pos ALS, LMG, TMB, RSID
UW9NEG	Pos PTMB	Pos PTMB
UYGTWC	Pos KM	Pos KM
V3XHVf	Pos LMG	Pos LMG
V42BC8	Pos TMB, HemDirect	Pos TMB, HemDirect
V6ZF79	Pos KM	Pos KM
V792V3	Pos KM	Pos KM
V7C4FL	Pos TMB, TAK, RSID	Pos TMB, TAK, RSID
V82M98	Pos TMB, Hemdirect	Pos TMB, Hemdirect
V92QFJ	Pos KM	Pos KM
V9JC6L	Pos Hemastix, HemaTrace	Pos Hemastix
VBN7MB	Pos LMG	Pos LMG
VC3AJN	Pos LMG, HT	Pos LMG, HT
VCFRX9	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
VDQV2D	Pos KM, HemaTrace	Pos KM, HemaTrace
VENC89	Pos KM	Pos KM
VJZ3PW	Pos KM	Pos KM
VK89MD	Pos KM	Pos KM
VMYPXR	Pos KM	Pos KM
VMZAY9	Pos TMB, HemDirect	Pos TMB, HemDirect
VPAFDM	Pos KM	Pos KM
VWZMQF	Pos KM	Pos KM
VXKHYN	Pos KM	Pos KM
VXZZKG	Pos KM	Pos KM
VYB8YP	Pos LMG, Ouchterlony (anti-HgHb)	Pos LMG, Ouchterlony (anti-HgHb)
VZ63F8	Pos TMB, HemaTrace	Pos TMB, HemaTrace
W2TJXY	Pos KM	Pos KM
W3PPM7	Pos KM	Pos KM
W4469J	Pos red-brown, HemDirect	Pos red-brown, HemDirect
W4HT2Y	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
W6B7MK	Pos LMG, HemaTrace	Pos LMG, HemaTrace
W8362J	Pos KM	Pos KM
W9BUBZ	Pos KM	Pos KM
W9YURC	Pos HemDirect	Pos HemDirect
WC86X7	Pos KM	Pos KM
WD7N7F	Pos TMB, HemDirect	Pos TMB, HemDirect
WDAY9E	Pos PTMB	Pos PTMB
WDMUAC	Pos KM	Pos KM
WE2BU6	Pos KM, HemaTrace	Pos KM, HemaTrace
WGNTQW	Pos LMG	Pos LMG
WJV8GB	Pos KM	Pos KM
WKU3BE	Pos KM	Pos KM
WKU6ZJ	Pos KM	Pos KM
WN4J7W	Pos LMG, HemaTrace	Pos LMG, HemaTrace
WQC7VG	Pos KM	Pos KM
WR9GT6	Pos KM	Pos KM
WTZ4EM	Pos KM	Pos KM
WXELRW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
WXY9G8	Pos KM, HemaTrace	Pos KM, HemaTrace
WYPJ7E	Pos KM, HemaTrace	Pos KM, HemaTrace
X2M2LZ		Pos KM
X4EF8B	Pos PTMB	Pos PTMB
X76RW9	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
X7PDPY	Pos KM, HemaTrace	Pos KM, HemaTrace
X8TBPT	Pos KM	Pos KM
X8VURB	Pos TMB, HemDirect	Pos TMB, HemDirect
X8XLRR	Pos KM	Pos KM
XGKFX9	Pos TMB, HemDirect	Pos TMB, HemDirect
XGQW68	Pos PTMB	Pos PTMB
XHUKDH	Pos KM	Pos KM
XJ8PZ2	Pos KM	Pos KM
XJTRRG	Pos KM	Pos KM
XKMFBC	Pos LMG	Pos LMG
XKMKG9	Pos LMG	Pos LMG
XN4UNK	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XNJ7BW	Pos KM, HemaTrace	Pos KM, HemaTrace
XQ7CPG	Pos Hemophan, Seratec Blood	Pos Hemophan, Seratec Blood
XXADUG	Pos KM	Pos KM
XXNA9E	Pos KM	Pos KM
XXTG3V	Pos KM	Pos KM
Y7F3XK	Pos KM	Pos KM
Y7HT7N	Pos KM	Pos KM
Y8FUJ8	Pos PTMB	Pos PTMB
YBBCD8	Pos KM	Pos KM
YBUF3D	Pos PTMB	Pos PTMB
YDXQ2G	Pos KM	Pos KM
YFLYV	Pos LMG	Pos LMG
YHNTUZ	Pos TMB	Pos TMB
YKK4XF	Pos PTMB	Pos PTMB
YLN4PZ	Pos TMB	Pos TMB
YM47W9	Pos TMB, HemDirect	Pos TMB, HemDirect
YMMGK3	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YN2BQA	Pos KM, HemDirect	Pos KM, HemDirect
YNMVD9	Pos LMG	Pos LMG
YQAGY4	Pos KM, HemaTrace	Pos KM, HemaTrace
YRF4C9	Pos PTMB	Pos PTMB
YWCQ7W	Pos LMG	Pos LMG
YWG29V	Pos KM	Pos KM
YYJ277	Pos KM	Pos KM
YZACVE	Pos KM, HemaTrace	Pos KM, HemaTrace
Z2LGWA	Pos PTMB	Pos PTMB
Z9YWJ7	Pos O-tol, HemDirect, PMB	Pos O-tol, HemDirect, PMB
ZBAB97	Pos PTMB	Pos PTMB
ZCLB8G	Pos KM	Pos KM
ZGYNCE	Pos KM	Pos KM
ZKFG43	Pos KM	Pos KM
ZQJYGZ	Pos TMB, HemaTrace	Pos TMB, HemaTrace
ZRJYL7	Pos PTMB	Pos PTMB
ZRVVQB	Pos PTMB	Pos PTMB
ZW7Z7R	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ZYCFMV	Pos O-tol, HemaTrace	Pos O-tol, HemaTrace
ZYZNWF	Pos KM, ABACard HemaTrace	Pos KM, ABACard HemaTrace

Table 1a: Serology Screening Response Summary - Blood			Participants: 560
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	557	559	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	2	0	
Not Reported	1	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
22FAJF	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
23DNU7	Pos PSA, AP	Neg PSA, AP
247MRQ	Pos AP, Micro (SH), p30	Neg Micro (CT), p30
28Z9F2	Pos AP	Neg AP
2BMBFZ	Pos AP	Neg AP
2CVAQ9	Pos ALS, AP, Micro, PSA	Neg ALS, AP
2DAP9G	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
2DTKNW	Pos AP, Micro	Neg AP, Micro
2FUNDY	Pos AP, Micro	Neg AP, Micro
2GBLZW	Pos AP, Micro, PSA	Neg AP
2J2WP4	Pos ALS, AP, Micro, PSA	Neg ALS, AP
2KWNPG	Pos AP, Micro, PSA	Neg AP, Micro, PSA
2NNWW4	Pos ALS, AP, Micro, PSA	NT ALS
2PQCFW	Pos PSA, Micro	NT
2QEMXW	Pos AP, PSA	Neg AP, PSA
2TPNDH	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
2VW24W	Pos AP, Micro, PSA	Neg AP, Micro, PSA
2XD82C	Pos AP, Micro	Neg AP
2YR3VC	Pos AP, PSA, Micro	Neg AP
32DHT7	Pos AP, p30, Micro, ALS	Neg AP, p30, Micro, ALS
33PDDD	Pos ALS, AP, PSA, Micro	NT
37TLLE	Pos ALS, AP, PSA, Micro	Neg ALS, AP
38VNAQ	Pos ALS, Micro	Neg ALS, Micro, PSA
3BKPV7	Pos PSA, Micro	Neg PSA
3BYABA	Pos AP, Micro	Neg AP
3E4V3F	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3FCMZH	Pos AP, PSA, Micro	Neg AP, PSA, Micro
3FFMY4	Inc ALS	Inc ALS
3JBXVH	Pos AP, PSA, Micro	Neg AP, PSA, Micro
3JQRHQ	Pos AP, Micro, PSA	Neg AP, Micro, PSA
3KNVF8	Pos AP, PSA, Micro	Neg AP
3KQQUC	Pos AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
3MBKWE	Pos AP, Micro	Neg AP, Micro
3PGZAC	Pos AP, PSA, Micro	Neg AP, PSA
3PJR6D	Pos AP, PSA	NT
3PMGAB	Pos ALS, FBB (AP), PSA	Neg ALS, FBB (AP)
3TJ32D	Pos AP, PSA	Neg AP
3TLNQM	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3TYCRE	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
3VQDTV	Pos ALS, AP, PSA, Micro	Neg ALS, AP
3WD26V	Pos AP	Neg AP
3WYNNE	Pos ALS, AP, PSA, Micro (Sperm)	Neg ALS, AP, PSA, Micro (Sperm)
44VK9V	Pos AP, PSA, Micro	Neg AP
4AJHKP	Pos AP, Micro	Neg AP, Micro
4BFYV2	Pos AP, Micro	Neg AP
4C99PX	Pos AP	NT
4EE2VB	Pos AP, Micro, ALS	Neg AP, Micro, ALS
4EJMJ4	Pos ALS, AP, Micro	Neg ALS, AP
4FP9UW	Pos AP, Micro	Neg AP, Micro
4LHHGW	Pos PSA	NT
4N6MZ9	Pos AP, Micro, p30	Neg AP, Micro, p30
4TDF6Z	Pos AP	Neg AP
4TTCEQ	Pos ALS, AP, Micro	Neg ALS, AP, PSA
4UB6QM	Pos AP, PSA	Neg AP, PSA
4VL9Z6	Pos ALS, AP, Micro, PSA	Neg ALS, AP
4VMZY8	Pos ALS, AP, Micro, PSA	Neg ALS, AP
4WCJNC	Pos AP, Micro, ALS	Neg AP, ALS
4WL6T9	Pos AP, ALS	NT
4XA9XU	Pos p30	Neg p30
68CFCZ	Pos ALS, AP, PSA, Micro	Neg ALS, AP
6BVLNF	Pos AP, Micro	Neg AP, Micro
6DJZB6	Pos AP, PSA, Micro	Neg AP
6EQB6M	Pos ALS, AP, PSA, Micro	Neg ALS, AP, p30
6EVKB2	Pos AP, Micro, PSA	Neg AP, Micro
6G4VDC	Pos AP, Micro	NT
6JT6B6	Pos AP, Micro	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
6QPZ94	Pos AP, PSA, Micro	Neg AP, PSA, Micro
6RJJ7B	Pos AP, Micro, PSA	Neg AP, Micro
6YZPR3	Pos PSA, Micro	Neg PSA, Micro
6Z86ZU	Pos AP, Micro	Neg AP
6ZQE6A	Pos AP, Microscope	Neg AP
6ZT9J9	Pos ALS, AP, Micro, PSA	Neg ALS, AP
76M4HZ	Pos AP	Neg AP
7BQ9UR	Pos AP, Micro	Neg AP, Micro
7EU924	Pos AP, p30, Micro	Neg AP
7H76GD	Pos PSA	Neg PSA
7HN268	Pos AP, Micro	Neg AP, Micro
7HUCXX	Pos ALS, AP, Micro	Neg ALS, AP
7J7W2Z	Pos AP, Micro	Neg AP
7J8VXU	Pos ALS, AP, PSA, Micro	Neg ALS, AP
7KRVJ4	Pos ALS, AP, Micro, PSA	Neg ALS, AP
7LP7HR	Pos AP, Micro	Neg AP, Micro
7PPDZ4	Pos AP, Micro	Neg AP
7QKQR3	Pos AP, PSA, Micro	Neg AP
7U39PE	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
7VEQ9J	Pos AP, RSID, Micro	Neg AP, Micro
7YZJ78	Pos AP, Micro	Neg AP
82DUBM	Pos PSA	Neg PSA
839UF9	Pos ALS, BCIP, Micro, p30	Neg ALS, BCIP
86DZRE	Pos AP, Micro	Neg AP, Micro
87AJP9	Pos AP, Micro	Neg AP
8BBAM2	Pos AP, PSA, Micro	Neg AP, PSA
8DBVQC	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
8EN9K2	Pos AP, Micro	Neg AP
8GVF4T	Pos AP, Micro, PSA	Neg AP, Micro, PSA
8JDRNQ	Pos AP, Micro	Neg AP, Micro
8L7G9X	Pos AP, Micro	Neg AP
8L8LFT	Pos ALS, AP, Micro	Neg ALS, AP, Micro
8MEQ6B	Pos RSID(p30), Micro	Neg RSID(p30)
8Q2FG2	Pos AP, Micro	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
8QJ8QL	Pos AP, Micro, PSA	Neg AP, Micro, PSA
8QRCD4	Pos PSA	Neg PSA
8XZUCB	Pos AP, PSA, Micro	Neg PSA, Micro
92DYJ4	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
962GU3	Pos AP, Micro	Neg AP
96ACTU	Pos AP	NT
98EFQ4	Pos ALS, AP, Micro, PSA	Neg ALS, AP
98HTKR	Pos Micro, ALS	Neg Micro, PSA, ALS
9DM79W	Pos AP, PSA, Micro	Neg AP, PSA, Micro
9E28B4	Pos AP, Micro	Neg AP
9EFP23	Pos AP, Micro	Neg AP, Micro
9EYDJX	Pos AP	Neg AP
9EZZNW	Pos AP, Micro	Neg AP
9H3FDT	Pos ALS, AP, Micro	Neg ALS, AP
9HZ77N	Pos PSA	NT
9JV4XA	Pos AP, Micro	NT
9L3GL3	Pos AP, Micro	Neg AP
9M96LZ	Pos ALS, AP, Micro, PSA	Neg ALS, AP
9MXZN4	Pos ALS, AP, PSA, Micro	Neg ALS, AP
9NLEWL	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
9QCGYT	Pos ALS, AP, Micro	NT
9R9EA4	Pos Asit fosfatas, PSA	Neg Asit fosfatas, PSA
9RQY3Y	Pos ALS, AP, Micro	Neg ALS, AP
9UA6A9	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
9UR4HZ	Pos AP, Micro for Sperm	Neg AP, Micro for Sperm
9UWKGY	Pos AP, Micro	Neg AP
9VQBXY	Pos ALS, AP, Micro	Neg ALS, AP
9WJ882	Pos ALS, AP, Micro, PSA	Neg ALS, AP
9ZXA8Y	Pos PSA, Micro, RSID	Neg PSA
A4FCN9	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
A4GEC8	Pos AP, PSA	NT
A4RPTQ	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
A7378V	Pos AP, Micro	Neg AP, Micro
A74VGU	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
A7JKY9	Pos AP, PSA, Micro	Neg AP, PSA, Micro
A8XJZP	Pos ALS, AP	Neg ALS, AP
AAGARZ	Pos PSA	Neg PSA
AAJDMH	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
AAZLLK	Pos ALS, Micro, p30	Neg ALS, Micro, p30
ABTA72	Pos ALS, AP, Micro, PSA	Neg ALS, AP
ADLCXB	Pos AP, Micro	Neg AP
AFN67M	Pos AP, PSA, Micro	Neg AP, PSA, Micro
AG3NQK	Pos AP, Microscopy	Neg AP
AKLJVX	Pos AP, Micro	Neg AP, Micro
ALKRVV	Pos ALS, AP, PSA, Micro	Neg ALS, AP
AMTWG7	Pos AP, Micro	NT
AZF6Y6	Pos AP, Micro	Neg AP, Micro
B8ANXE	Pos AP, PSA	Neg AP
B8RGW3	Pos AP, PSA, Micro	Neg AP
BAFZTU	Pos ALS, AP, Micro, PSA	Neg ALS, AP
BDLKU2	Pos AP, Micro	Neg AP
BFPA7H	Pos AP, PSA, Micro	Neg AP
BGV2QH	Pos AP, PSA, Micro	Neg AP, PSA, Micro
BKET47	Pos AP, Micro	Neg AP, Micro
BNFYKX	Pos AP, Micro	Neg AP, Micro
BPZG78	Pos AP, PSA	Neg AP
BQ9UCZ	Pos AP, Micro	Neg AP
BRKZUP	Pos ALS, AP, Micro, PSA	Neg AP
BTBUCW	Pos AP, PSA, Micro	Neg AP
BTVE7H	Pos ALS, AP, Micro, PSA	Neg ALS, AP, PSA
BVWDLG	Pos AP, Micro	Neg AP, Micro
BX8G97	Pos ALS, AP, Micro	Neg ALS, AP
BYZ986	Pos AP, Micro	Neg AP, Micro
BZYB8V	Pos PSA, Micro	Neg PSA, Micro
C6MH6U	Pos ALS, BCIP, Micro	Neg ALS, BCIP, Micro
CJQJ36	Pos ALS, AP, Micro	Neg ALS, AP
CM2KG3	Pos AP, PSA, Micro	NT
CMPZFY	Pos ALS, AP, Micro	Neg ALS, AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
CMZZYM	Pos ALS, AP, PSA, Micro	NT
CP6P73	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro
CPULZ7	Pos AP, p30	Neg AP
CRJVYY	Pos AP, Micro	Neg AP
CTCU9Q	Pos AP, PSA, Micro	Neg AP, PSA, Micro
CU36XX	Pos AP, Micro	NT
CUDH6M	Pos ABACard p30	Neg ABACard p30
CWAGGK	Pos PSA, Micro	Neg PSA, Micro
CYK9Y3	Pos AP / Micro	Neg AP / Micro
CZ9XRU	Pos AP, Micro, ALS	Neg ALS, AP
D2FDZK	Pos RSID, Micro	NT
D47R9V	Pos AP, Micro	Neg AP
D66M3Y	Pos ALS, AP, PSA, Micro	Neg ALS, AP
DATXRH	Pos PSA	Neg PSA
DCYRXV	Pos AP, PSA, Micro (Sperm)	Neg AP, PSA, Micro (Sperm)
DDBLL9	Pos AP, Micro	Neg AP, Micro
DE6EBZ	Pos ALS, AP, Micro	Neg ALS, AP
DJKNW6	Pos ALS, AP, Micro	Neg ALS, AP
DKANQN	Pos AP, PSA, Micro	Neg AP
DLHXGZ	Pos ALS, AP, PSA, Micro	NT
DMK7QQ	Pos AP, PSA, Micro	Neg AP, PSA, Micro
DMU6TL	Pos AP	Neg AP
DPH9CZ	Pos AP, PSA, Micro	Neg AP
DT69PF	Pos AP, PSA	Neg AP
DVEAYT	Pos AP, PSA, Micro	Neg AP
DXCE9L	Pos PSA	NT
DY8AZH	Pos ALS, Micro, p30	Neg ALS, Micro, p30
DZ4MPV	Pos ALS, AP, Micro, PSA	Neg ALS, AP
DZAWU3	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
E4ZJV2	Pos ALS, AP, Micro	Neg ALS, AP
E8V6A6	Pos AP, PSA, Micro	Neg AP, PSA, Micro
EDF9XV	Pos AP, Microscopy	NT
EE2JDU	Pos ALS, AP, PSA, Micro	Neg ALS, AP
EFWQT7	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EGJYL2	Pos AP, PSA, Micro	Neg AP
EHFRQD	Pos AP, Micro	Neg AP, Micro
EHJHMN	Pos AP, PSA, Micro	Neg AP, PSA, Micro
EJDRGK	Pos AP, PSA, Micro	Neg AP
EL3JN2	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
ELYD8M	Pos AP, PSA, Micro	Neg AP
ERBPMU	Pos AP, PSA	Neg AP, PSA
ERUJ9N	Pos AP, PSA, Micro	Neg AP, PSA, Micro
ETKUWW	Pos AP, PSA, Micro	Neg AP
EXVRHX	Pos ALS, AP, Micro, PSA	Neg ALS, AP
EY8KG7	Pos ALS, AP, Micro, PSA	Neg ALS, AP
EYUYXW	Pos AP, Micro	Neg AP
EZ29Z2	Pos AP, Micro	Neg AP
EZYCYP	Pos AP, Seratec PSA, Micro	Neg AP, Seratec PSA
F2FW3U	Pos PSA, Micro, AP	Neg PSA, AP
F39V2D	Pos AP, Micro, p30	Neg AP, Micro, p30
F6Q8MV	Pos AP, Micro	Neg AP, Micro
F8XMZT	Pos AP, PSA, Micro	Neg AP
F9EMCV	Pos AP, Micro	Neg AP, Micro
FF9R8R	Pos AP, Micro	Neg AP, Micro
FFTKPG	Pos p30, Micro	NT
FHY6F3	Pos AP, Micro	Neg AP
FJATBV	Pos AP, Micro, PSA	Neg AP
FNJ9KJ	Pos ALS, Micro	Neg ALS, Micro, PSA
FPGV7J	Pos PSA	NT
FWCKER	Pos AP, Micro	Neg AP, Micro
FWZRTQ	Pos ALS, AP, Micro	Neg ALS, AP
FXW7JP	Pos AP	Neg
FYHY47	Pos AP, Micro	Neg AP, Micro
G2L4BY	Pos AP, Micro	Neg AP, Micro
G68PGT	Pos ALS, AP, Micro	Neg ALS, AP
G8AJ7X	Pos AP	Neg AP
G8MF6B	Pos AP and Micro	Neg AP and Micro
GBAPMP	Pos ALS, AP	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
GDFFPX	Pos AP, Micro	Neg AP
GG6PTX	Pos ALS; AP; Micro	Neg ALS; AP; Micro
GHD766	Pos AP, PSA, Micro	Neg AP, PSA, Micro
GJM2FF	Pos BCIP, PSA, Micro	Neg BCIP
GJRCHE	Pos AP, PSA, Micro	Neg AP, PSA, Micro
GP9DGJ	Pos AP, p30, Micro	Neg AP, p30, Micro
GQDZKW	Pos AP, Micro	Neg AP, Micro
GQQWLV	Pos AP, Micro	Neg AP
GRFQ3Q	Pos ALS, AP, PSA, Micro	Neg ALS, AP
GVVNLR	Pos AP, Micro	NT
GYJ6BT	Pos ALS, AP, Micro	Neg ALS, AP
H8Q76R	Pos AP, Micro	Neg AP
HB442T	Pos ALS, AP, Micro, PSA	Neg ALS, AP
HCG72T	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
HCHJJ2	Pos p30, Micro	NT
HE4FXT	Pos ALS, AP, Micro, PSA	Neg ALS, AP
HHMZVP	Pos Micro, PSA	Neg Micro, PSA
HJX6KR	Pos ALS, AP, Micro	Neg ALS, AP
HKDJW9	Pos ALS, AP, Micro	Neg ALS, AP
HRDTGE	Pos AP, PSA, Micro	Neg AP, PSA, Micro
HX8MRM	Pos AP, Microscopy	Neg AP
J4MQYN	Pos AP, Micro, PSA	Neg AP, Micro, PSA
J7TCKT	Pos AP, Micro	Neg AP
J7U22J	NT	
J82TYL	Pos AP, PSA, Micro	Neg AP, PSA, Micro
JC3D3Q	Pos AP, Micro	Neg AP
JCYZAM	Pos AP, Micro	Neg AP
JF73MY	Pos AP, PSA, DNA	Neg AP
JGVDKR	Pos AP, Micro	Neg AP
JJG78U	Pos PSA	Neg PSA
JMV2PC	Pos AP, PSA	Neg AP
JQJB8Q	Pos ALS, AP, Micro	Neg ALS, AP, Micro
JUCNDM	Pos AP, Micro, PSA	Neg AP, Micro, PSA
JUZMY2	Pos AP, PSA	NT

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
JVA8TQ	Pos AP, Micro	Neg AP, Micro
JW6BEQ	Pos AP, PSA, Micro	Neg AP
JXGLZW	Pos BCIP, PSA, Micro	Neg BCIP
JZ9WDP	Pos ALS, AP, Micro	Neg ALS, AP, Micro
K4F6TJ	Pos AP, Micro	Neg AP
K6VB9A	Pos AP, Micro	Neg AP
K9Q9C7	Pos AP, Micro	Neg AP, Micro
K9RGQF	Pos PSA, Micro	Neg PSA, Micro
KA7D9J	Pos ALS, AP, PSA, Micro	Neg ALS, AP
KAW7JX	Pos ALS, AP, Micro	Neg ALS, AP
KCWHVP	Pos AP, Micro	Neg AP
KDM4PV	Pos AP, PSA, Micro	Neg AP
KDWEPT	Pos AP, Micro	Neg AP
KFFKW3	Pos AP, Micro	Neg AP
KH38JN	Pos AP, Micro	Neg AP
KHCF8P	Pos ALS, AP, Micro, PSA	Neg ALS, AP
KJFL6D	Pos AP, PSA, Micro	Neg AP, PSA, Micro
KL3HAW	Pos AP, Micro	NT
KNLPKD	Pos AP, PSA, Micro	NT
KPGKEW	Pos AP, PSA, Micro	NT
KQDDCL	Pos AP, Micro	Neg AP
KQTMEU	Pos AP, Micro	Neg AP
KRRZPU	Pos AP, Micro	Neg AP
KUR8XK	Pos ALS, AP, Micro, PSA	Neg ALS, AP
KWZPAH	Pos AP	NT
KXAHWA	Pos PSA, Sperm search	Neg PSA
L6A3QH	Pos ALS, AP, Micro	Neg ALS, AP
LA4WW7	Pos AP, PSA, Micro	Neg AP
LAZJ3H	Pos ALS, AP	Neg ALS, AP
LFBMYC	Pos ALS, AP, PSA, Micro	Neg ALS, AP
LM74GN	Pos AP	Neg AP
LMTTX6	Pos PSA	Neg PSA
LMUTUX	Pos AP, Micro	Neg AP
LNHBQP	Pos ALS, AP, Micro, PSA	Neg ALS, AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LQ8TQP	Pos AP, Micro	NT
LURBGM	Pos ALS, AP, Micro	Neg ALS, AP, Micro
LWGXVW	Pos ALS, AP, Micro	Neg ALS, AP, Micro
LWZLB7	Pos AP, PSA	Neg AP, PSA
LX763L	Pos AP, Micro, PSA	Neg AP, Micro, PSA
LXN9JY	Pos AP, Micro	Neg AP
LXTL7V	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
LZFFZV6	Pos ALS, AP, Micro	Neg ALS, AP
M29VXM	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
M2KAXM	Pos AP, Micro	NT
M49TVD	Pos AP, Micro	Neg AP
MCARZA	Pos AP, PSA, Micro	Neg AP, PSA, Micro
MDG9VK	Pos ALS, AP, Micro	Neg ALS, AP, Micro
MDYATU	Pos AP, p30, Micro	Neg AP, p30, Micro
MFQ7JA	Pos ALS, Micro	Neg ALS, Micro, PSA
MGWX3A	Pos AP, Micro	Neg AP, Micro
MGZBWX	Pos AP, Micro	Neg AP, Micro
MJ64NB	Pos AP, Micro	Neg ALS, AP
MJMWG9	Pos AP, Micro	Neg AP, Micro
MKY29Y	Pos Micro, AP, p30	Neg Micro, AP, p30
MQNXB9	Pos AP, Micro, PSA	Neg AP, Micro, PSA
MRXTCL	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
MXA4NM	Pos Micro, AP, RSID-Semen	Neg AP
MY34M7	Pos AP, Micro	Neg AP, Micro
MYHECY	Pos AP, Micro, PSA	Neg AP
MYWMJD	Pos AP, Micro, and PSA	Neg AP, Micro, and PSA
MZEFR3	Pos AP and PSA	Neg AP and PSA
MZUZDL	Pos AP, PSA, Micro	Neg AP
N2VHFL	Pos ALS, AP, PSA, Micro	Neg ALS, AP
N86UJE	Pos AP, PSA, Micro	Neg AP
NAU6A8	Pos ALS, Micro	Neg ALS, Micro, PSA
NC9ALC	Pos ALS, AP, PSA	Neg ALS, AP, PSA
NDDZEK	Pos AP, Micro	Neg AP, Micro
NDWB3E	Pos AP	NT

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
NFYM6L	Pos ALS, AP, Micro, PSA	Neg ALS, AP
NGD8XW	Pos PSA	Neg PSA
NHXRYM	Pos ALS, AP, Micro	Neg ALS, AP
NJHUE8	Pos PSA, Micro	Neg PSA
NKE6DV	Pos AP, PSA, Micro	Neg AP, PSA
NM2WCE	Pos ALS, AP, Micro, PSA	NT
NMXYRQ	Pos AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
NQ2ZAT	Pos AP, PSA, Micro	Neg AP, PSA, Micro
NQ6HCX	Pos AP, Micro	Neg AP, Micro
NQNAFG	Pos ALS, AP, Micro	Neg ALS, AP
NTCQPP	Pos AP, Micro	Neg AP
NVQA3L	Pos Micro, PSA	Neg Micro, PSA
NVYGN9	Pos AP, PSA	Neg AP
NW67GJ	Pos ALS, AP, Micro, PSA	Neg ALS, AP
NWTALR	Pos AP, PSA	Neg AP
NYBKB4	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
NZPV8N	Pos AP, Micro	Neg AP, Micro
P22WXG	Pos AP, Micro, PSA	Neg AP
P2FC3G	Pos AP, Micro	Neg AP
P6UA9J	Pos AP, Micro, PSA	Neg AP
PB3LBB	Pos ALS, AP, p30, Micro	Neg ALS, AP
PJ3QJU	Pos AP, Micro	Neg AP
PJGBB6	Pos AP, Micro	Neg AP, Micro
PKCQPM	Pos AP, Micro	Neg AP
PMK48N	Pos AP, Micro	Neg AP
PMV27D	Pos AP, Micro, PSA	Neg AP, Micro, PSA
PMYEZ2	Pos ALS, AP, Micro	Neg ALS, AP, Micro
PPMZJC	Pos AP, Micro	Neg AP, Micro
PPYWPG	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
PTPQWJ	Pos AP, Micro	Neg AP
PUDAUB	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
PYBURT	Pos AP, Micro	Neg AP
Q38VCL	Pos AP, Micro	Neg AP
Q4VXVA	Pos AP, Micro, PSA	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
Q4XVGK	Pos AP, Micro	Neg AP, Micro
Q6GQA8	Pos AP, Micro, PSA	Neg AP
Q73QWG	Pos AP, Micro, PSA	Neg AP, Micro, PSA
Q7PY7K	Pos ALS, AP, Micro, PSA	Neg ALS, AP
QD4XLH	Pos AP, Micro	Neg AP
QGT8WJ	Pos Micro, AP, RSID-Semen	Neg ALS, AP
QHJD6G	Pos ALS, AP, Micro, PSA	Neg ALS, AP
QLX9PL	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
QP4AHK	Pos AP, PSA	Neg AP, PSA
QT3NWL	Pos ALS, AP, PSA	Neg ALS, AP
QT4T3H	Pos AP, Micro	Neg AP
QTPYQN	Pos ALS, AP, Micro	Neg ALS, AP
QU9A8F	Pos ALS, AP	NT
QUDMZ4	Pos AP, PSA	Neg AP
QV78CN	Pos ALS, AP, PSA, Micro	NT
QW4UDD	Pos ALS, AP, Micro	Neg ALS, AP
QW7JFP	Pos AP, Micro, ALS	Neg AP, ALS
QXH78C	Pos ALS, AP, Micro	Neg ALS, AP
QYLKBQ	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
QZ63DG	Pos AP, PSA, Micro	Neg AP, PSA, Micro
QZYAFN	Pos ALS, AP, PSA, Micro	NT
R33R6N	Pos AP, Micro	Neg AP, ALS
R39ZHH	Pos AP, Micro	Neg AP
R7GYFN	Pos ALS, AP, PSA, Micro	NT
R7Z9J4	Pos AP, PSA	Neg AP
R8UCFE	Pos PSA	Neg PSA
R8XL3P	Pos p30, Micro	Neg p30, Micro
RC73DY	Pos ALS, AP, Micro	Neg ALS, AP
RDKCPK	Pos AP Micro	Neg AP
RJ2LGA	Pos AP, Micro	Neg AP
RJPMQ7	Pos PSA	Neg PSA
RLWFRD	Pos ALS, AP, Micro, PSA	Neg ALS, AP
RLWQ92	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
RMNTVG	Pos AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RNKGLM	Pos AP, Micro	Neg AP
RPQ4W7	Pos ABACard p30	Neg ABACard p30
RV67A9	Pos ALS, AP, PSA	Neg ALS, AP
RWYQ7F	Pos AP, Micro	NT
RY4EJK	Pos AP, Micro	Neg AP
RZFMJR	Pos AP, PSA, Micro	Neg AP, PSA
T3HHM8	Pos AP, Micro, PSA	Neg AP, Micro, PSA
T3K86B	Pos AP, Micro	Neg AP
T47L7L	Pos ALS, BCIP, p30, and Microscope	Neg ALS, BCIP, p30, and Microscope
T6269M	Pos ALS, AP, Micro, PSA	Neg ALS, AP
T7622C	Pos ALS, AP, PSA, Micro	Neg ALS, AP
T8E4RG	Pos ACP, Micro	Neg ACP
TDWD38	Pos AP, Micro	Neg AP, Micro
TEA6VN	Pos AP, Micro	Neg AP, Micro
TENNJR	Pos AP, p30, Micro	Neg AP, p30
TEXANN	Pos AP, Micro	Neg AP, ABACard, Micro
TFNNLD	Pos AP, Micro	Neg AP, Micro
THT9U7	Pos ALS, AP, Micro	Neg ALS, AP
TK33NK	Pos AP, Micro, PSA	Neg AP, PSA
TK6VE7	Pos PSA	Neg PSA
TL72F6	Pos AP, PSA, Micro	NT
TPV262	Pos AP, Micro, PSA	Neg AP, Micro, PSA
TQ6F6F	Pos AP, Micro	Neg AP
TR2PH7	Pos ALS, AP, PSA, Micro	Neg ALS, AP
TYYJDJ	Pos AP, Micro	Neg AP
TYYTEB	Pos AP	NT
U3DQKC	Pos AP, Micro	Neg AP
U4NVVF	Pos Micro, PSA	Neg Micro, PSA
U6Y3AM	Pos AP, Micro	Neg AP, Micro
U9K394	Pos p30 and Micro	NT
UAXM7J	Pos AP, Micro, p30	Neg AP
UJ7WVX	Pos AP, Micro, p30	Neg AP, Micro, p30
UJYB3H	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
UKAYB2	Pos p30, Microscopic Exam	Neg p30, Microscopic Exam

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
UMLE63	Pos PSA/Micro	Neg PSA/Micro
UN9UW4	Pos AP	Neg AP
UNTVYR	Pos AP, PSA, Micro	Neg AP
URZ6E4	Pos Ap, Micro, PSA	Neg Ap
UTQF3B	Pos ALS, AP	Neg ALS, AP
UVU9YV	Pos ALS, Micro, AP, RSID	Neg ALS, Micro, AP
UW9NEG	Pos AP, Micro	Neg AP
UYGTWC	Pos BCIP, Micro, ALS	Neg BCIP, ALS
V3XHVf	Pos AP, Micro	Neg AP
V42BC8	Pos ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
V6ZF79	Pos ALS, AP, Micro	Neg ALS, AP
V792V3	Pos AP, PSA	Neg AP
V7C4FL	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
V82M98	Pos ALS, AP, Micro, PSA	NT ALS
V92QFJ	Pos AP, PSA, Micro	NT
V9JC6L	Pos AP, p30, Micro	Neg AP
VBN7MB	Inc ALS	Inc ALS
VC3AJN	Pos ALS, AP, Micro	NT
VCFRX9	Pos AP, PSA, Micro	Neg AP, PSA, Micro
VDQV2D	Pos AP, PSA, Micro	Neg AP
VENC89	Pos AP, Micro	Neg ALS, AP
VJZ3PW	Pos AP, Micro, p30(PSA)	Neg AP, Micro, p30(PSA)
VK89MD	Pos Micro	NT
VMYPXR	Pos AP, Micros	Neg AP, Micros
VMZAY9	Pos ALS, AP, Micro, PSA	Neg ALS, AP
VPAFDM	Pos AP, PSA, Micro	Neg AP, PSA, Micro
VWZMQF	Pos ALS, AP, PSA, Micro	NT
VXKHYN	Pos AP, ABACard, Micro	Neg AP, ABACard, Micro
VXZZKG	Pos AP, Micro, PSA	Neg AP, Micro
VYB8YP	Pos AP, PSA, Micro	Neg AP, PSA, Micro
VZ63F8	Pos AP, Micro	Neg AP
W2TJXY	Pos AP, Micro	Pos AP, Micro
W3PPM7	Pos Micro, ALS, AP, PSA	Neg AP, ALS
W4469J	Pos AP, Micro, ALS	Neg AP, Micro, ALS

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
W4HT2Y	Pos AP, Micro, PSA	Neg AP, Micro, PSA
W6B7MK	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
W8362J	Pos AP, Micro	Neg AP
W9BUBZ	Pos AP, Micro	Neg AP, Micro
W9YURC	Pos PSA, Micro	Neg PSA, Micro
WC86X7	Pos AP	NT
WD7N7F	Pos ALS, AP, PSA, Micro	Neg ALS, AP
WDAY9E	Pos AP, Micro	NT
WDMUAC	Pos AP, Micro	Neg AP, Micro
WE2BU6	Pos AP, PSA, Micro	Neg AP, PSA, Micro
WGNTQW	Pos AP, PSA	Neg AP
WJV8GB	Pos ALS, AP, Micro	Neg ALS, AP, Micro
WKU3BE	Pos AP, Micro	Neg AP
WN4J7W	Pos AP, PSA, Micro	Neg AP, PSA, Micro
WQC7VG	Pos AP, PSA, Micro, ALS	NT
WR9GT6	Pos AP	NT
WTZ4EM	Pos AP, Micro	Neg AP
WXELRW	Pos AP, Micro, PSA	Neg AP, Micro, PSA
WXY9G8	Pos AP, PSA, Micro	Neg AP, PSA, Micro
WYPJ7E	Pos AP, Micro, PSA	Neg AP
X2M2LZ	Pos AP, Microscope slide	
X4EF8B	Pos AP, Micro	Neg AP, Micro
X76RW9	Pos ALS, AP, PSA, Micro	Neg ALS, AP
X7PDPY	Pos AP, PSA, Micro	Neg AP, PSA, Micro
X8TBPT	Pos ALS, AP, Micro	Neg ALS
X8VURB	Pos ALS, AP, Micro, PSA	Neg ALS, AP
X8XLRR	Pos AP, PSA	Neg AP, PSA
XGKFX9	Pos AP, Micro, PSA	NT
XGQW68	Pos AP, Micro	Neg AP
XHUKDH	Pos AP, Micro for Sperm, PSA	Neg AP, Micro for Sperm, PSA
XJ8PZ2	Pos AP, PSA, Micro	Neg AP
XJTRRG	Pos AP, Micro	Neg AP, Micro
XKMFBC	Pos AP, Micro	Neg AP
XN4UNK	Pos AP, PSA, Micro	Neg AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
XQ7CPG	Pos Phosphadesmo KM, Seratec PSA	Neg Phosphadesmo KM, Seratec PSA
XXADUG	Pos ALS, AP, PSA, Micro	NT
XXNA9E	Pos AP and Micro	Neg AP and Micro
XTG3V	Pos AP, PSA	Neg AP, PSA
Y7F3XK	Pos AP, Micro, PSA	Neg AP
Y7HT7N	Pos AP, Micro	Neg AP, Micro
Y8FUJ8	Pos AP, Micro	Neg AP
YBBCD8	Pos AP, PSA	Neg AP
YBUF3D	Pos AP, Micro, PSA	NT
YDXQ2G	Pos ALS, AP, Micro, PSA	Neg ALS, AP
YFLYW	Pos ALS, Micro, PSA	Neg ALS, Micro, PSA
YHNTUZ	Pos AP, Micro	Neg AP, Micro
YKK4XF	Pos AP, Micro	Neg AP
YLN4PZ	Pos AP, Micro	Neg AP, Micro
YM47W9	Pos AP, Micro, PSA	Neg AP, Micro, PSA
YMMGK3	Pos AP, PSA, Micro	Neg AP, PSA, Micro
YN2BQA	Pos ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
YNMVD9	Inc ALS	Inc ALS
YQAGY4	Pos AP, Micro, PSA	Neg AP
YRF4C9	Pos AP, Micro	Neg AP, Micro
YWCQ7W	Pos AP, PSA	Neg AP
YWG29V	Pos AP, Micro	Neg AP, Micro
YYJ277	Pos AP, PSA	Neg AP
YZACVE	Pos p30	Neg p30
Z2LGWA	Pos AP & Micro	Neg AP
Z9YWJ7	Pos AP, PSA, Micro	Neg AP, PSA, Micro
ZBAB97	Pos AP, Micro	Neg AP
ZCLB8G	Pos ALS, AP, PSA, Micro	Neg ALS, AP
ZGYNCE	Pos AP, Micro	Neg AP, Micro
ZKFG43	Pos AP	NT
ZQJYGZ	Pos AP, Micro, PSA	Neg AP, Micro
ZRJYL7	Pos AP, Micro	Neg AP
ZRVQB	Pos AP, Micro	Neg AP, Micro
ZW7Z7R	Pos AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZYCFMV	Pos PSA, AP	Neg PSA, AP
ZYZNWF	Pos AP, PSA	Neg AP

Table 1b: Serology Screening Response Summary - Semen			Participants: 544
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	540	1	
Negative	0	483	
Inconclusive	3	3	
Not Tested (NT)	1	55	
Not Reported	0	1	

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
23DNU7	Neg Phadebas	Neg Phadebas
247MRQ	Neg Phadebas	Neg Phadebas
2VW24W	Neg Phadebas	Neg Phadebas
2YR3VC	Neg RSID	Neg RSID
32DHT7	Neg RSID-Saliva, Micro	Neg RSID-Saliva, Micro
3JBXVH	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
3JQRHQ	Neg Amylase	Neg Amylase
3KQQUC	Neg RSID	Neg RSID
3PGZAC	Neg RSID	Neg RSID
3PJR6D	Neg Phadebas	Neg Phadebas
3TJ32D	Neg Phadebas press	Neg Phadebas press
44VK9V	Neg SALIgAE	Neg SALIgAE
4BFYV2	Neg Phadebas	Neg Phadebas
4N6MZ9	Neg Phadebas	Neg Phadebas
4UB6QM	Neg Phadebas	Neg Phadebas
4XA9XU	Neg SALIgAE	Neg SALIgAE
6YZPR3	Neg RSID	Neg RSID
6ZT9J9	NT	Neg SALIgAE
7H76GD	NT	Neg RSID
7VEQ9J	Neg Phadebas	Neg Phadebas
82DUBM	Neg RSID	Neg RSID
839UF9	Neg Phadebas	Neg Phadebas
87AJP9	Neg RSID	NT
8BBAM2	Neg Phadebas	Neg Phadebas
8GVF4T	Neg Amylase Diffusion	Neg Amylase Diffusion
8QJ8QL	Neg Phadebas	Neg Phadebas
8QRCD4	Neg RSID	Neg RSID
8XZUCB	Neg RSID	Neg RSID
92DYJ4	Neg Phadebas	Neg Phadebas
98HTKR	NT	
9DM79W	Neg RSID-Saliva	Neg RSID-Saliva

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
9R9EA4	Neg SALIgAE	Neg SALIgAE
9ZXA8Y	Neg RSID	Neg RSID
A4GEC8	Neg Phadebas press	Neg Phadebas press
A7378V	Neg Phadebas	Neg Phadebas
AG3NQQ	Neg Microscopy	NT
B8RGW3	Neg RSID	NT
BFPA7H	Inc SALIgAE	Inc SALIgAE
BGV2QH	Neg Amylase	Neg Amylase
BPZG78	Neg Phadebas Press	Neg Phadebas Press
CP6P73	Neg SALIgAE	Neg SALIgAE
CTCU9Q	Neg Phadebas	Neg Phadebas
CYK9Y3	Neg RSID	Neg RSID
D47R9V	Neg Phadebas	Neg Phadebas
DMK7QQ	Neg Amylase Diffusion	Neg Amylase Diffusion
DT69PF	Neg RSID	Neg RSID
DVEAYT	Neg RSID	Neg RSID
EHJHMN	Neg Phadebas	Neg Phadebas
ERBPMU	Neg Phadebas	Neg Phadebas
ERUJ9N	Neg Phadebas	Neg Phadebas
EY8KG7	Neg Phadebas, RSID	Neg Phadebas, RSID
EZYCYP	Neg Seratec Amylase	Neg Seratec Amylase
F2FW3U	Neg Phadebas	Neg Phadebas
F39V2D	Neg Amylase	Neg Amylase
FHY6F3	Neg RSID	NT
GG6PTX	Neg RSID	Neg RSID
GHD766	Neg Amylase radial Diffusion	Neg Amylase radial Diffusion
GJRCHE	Neg Phadebas	Neg Phadebas
HHMZVP	Neg RSID	Neg RSID
J7U22J	NT	
J82TYL	Neg Seratec alpha Amylase	Neg Seratec alpha Amylase
JC3D3Q	Neg Phadebas	Neg Phadebas
JF73MY	Neg Phadebas	Neg Phadebas
JJG78U	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
JQJB8Q	Neg Phadebas	Neg Phadebas
JXGLZW	Neg Phadebas	Neg Phadebas
JZ9WDP	Neg ALS, Phadebas	Neg ALS, Phadebas
KCWHVP	Neg RSID Saliva	Neg RSID Saliva
KJFL6D	Neg Phadebas	Neg Phadebas
KQDDCL	Neg Phadebas	Neg Phadebas
LURBGM	Neg ALS, Phadebas	Neg ALS, Phadebas
LWGXVW	Neg RSID	Neg RSID
LWZLB7	Neg Phadebas	Neg Phadebas
MCARZA	Neg Phadebas	Neg Phadebas
MDG9VK	Neg ALS, Phadebas	Neg ALS, Phadebas
MDYATU	Neg RSID	Neg RSID
MKY29Y	Neg Amylase	Neg Amylase
MQNXB9	Neg Phadebas	Neg Phadebas
MYWMJD	Neg Amylase	Neg Amylase
MZEFR3	Neg Phadebas	Neg Phadebas
N2VHFL	NT	
NJHUE8	Neg RSID	Neg RSID
NKE6DV	Neg RSID	Neg RSID
NMXYRQ	Neg Phadebas Amylase Test	Neg Phadebas Amylase Test
NQ2ZAT	Neg RSID	Neg RSID
NVQA3L	Neg RSID	Neg RSID
NWTALR	Neg Phadebas press	Neg Phadebas press
NYBKB4	Neg SALIgAE	Neg SALIgAE
PJ3QJU	Neg RSID	Neg RSID
PMYEZ2	Neg RSID	Neg RSID
Q4VXVA	Neg Phadebas	Neg Phadebas
QP4AHK	Neg Phadebas	Neg Phadebas
QT4T3H	Neg Phadebas	Neg Phadebas
QUDMZ4	Neg RSID-Saliva	Neg RSID-Saliva
R39ZHH	Neg RSID Saliva	Neg RSID Saliva
R7Z9J4	Neg RSID-Saliva	Neg RSID-Saliva
R8XL3P	NT	

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
RPQ4W7	Neg SALIgAE	Neg SALIgAE
T3HHM8	Neg Amylase	Neg Amylase
T47L7L	Neg Phadebas	Neg Phadebas
TENNJR	Neg RSID	Neg RSID
TEXANN	Neg Radial Diffusion	Neg Radial Diffusion
TK33NK	Neg RSID	Neg RSID
TPV262	Neg Phadebas	Neg Phadebas
U4NVVF	Neg RSID	Neg RSID
UJ7WVX	Neg Amylase	Neg Amylase
UVU9YV	Neg ALS, Phadebas	Neg ALS, Phadebas
VCFRX9	Neg RSID-Saliva	Neg RSID-Saliva
VJZ3PW	Neg Amylase	Neg Amylase
VPAFDM	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
VYB8YP	Neg Amylase	Neg Amylase
W4HT2Y	Neg Phadebas	Neg Phadebas
WE2BU6	Neg Phadebas	Neg Phadebas
WGNTQW	Neg RSID	Neg RSID
WJV8GB	Neg Phadebas	Neg Phadebas
WN4J7W	Neg Amylase	Neg Amylase
WXELRW	Neg Amylase	Neg Amylase
WXY9G8	Neg Phadebas	Neg Phadebas
X7PDPY	Neg Phadebas	Neg Phadebas
X8XLRR	Neg Phadebas	Neg Phadebas
XJTRRG	Neg RSID	Neg RSID
XN4UNK	Neg RSID-Saliva	Neg RSID-Saliva
XQ7CPG	Neg Seratec Amy	Neg Seratec Amy
XTG3V	Neg Phadebas	Neg Phadebas
Y7F3XK	Neg RSID	NT
YWCQ7W	Neg RSID	Neg RSID
YYJ277	NT	Neg Phadebas
YZACVE	Neg RSID	Neg RSID
Z2LGWA	NT	
Z9YWJ7	Neg Alpha-Amylase	Neg Alpha-Amylase

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
ZGYNCE	Neg RSID	Neg RSID
ZQJYGZ	Neg Amylase Diffusion	Neg Amylase Diffusion
ZYZNWF	Neg Phadebas Press Test	Neg Phadebas Press Test

Table 1c: Serology Screening Response Summary - SalivaParticipants: **133**

This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.

	Item 3	Item 4
Positive	0	0
Negative	124	122
Inconclusive	1	1
Not Tested (NT)	8	5
Not Reported	0	4

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
22FAJF	Pos RSID-Blood	Pos RSID-Blood
2DAP9G	Pos RSID	Pos RSID
2J2WP4	Pos ABACard HemaTrace	Pos ABACard HemaTrace
2TPNDH	Pos RSID	Pos RSID
2XD82C	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
2YR3VC	Pos HemaTrace	Pos HemaTrace
33PDDD	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
3BKPV7	Pos HemDirect	Pos HemDirect
3E4V3F	Pos RSID	Pos RSID
3JBXVH	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
3PJR6D	Pos ABACard	Pos ABACard
3TJ32D	Pos ABACard	Pos ABACard
3TLNQM	Pos RSID	Pos RSID
3TYCRE	Pos RSID	Pos RSID
3WYNNE	Pos RSID	Pos RSID
4LHHGW	Pos RT-PCR	Pos RT-PCR
4XA9XU	Pos	Pos
6EQB6M	Pos HemaTrace	Pos HemaTrace
6JT6B6	Pos HemaTrace	Pos HemaTrace
7EU924	Pos HemaTrace	Pos HemaTrace
7H76GD	Pos PowerQuant	Pos PowerQuant
7J7W2Z	Pos HemaTrace	Pos HemaTrace
7YZJ78	Pos HemaTrace	Pos HemaTrace
8DBVQC	Pos RSID	Pos RSID
8GVF4T	Pos HemaTrace	Pos HemaTrace
8L8LFT	Pos HT	Pos HT
962GU3	Pos HemaTrace	Pos HemaTrace
98HTKR	NT	
9E28B4	Pos HemaTrace	Pos HemaTrace
9H3FDT	Pos HT	Pos HT
9JV4XA	Pos HemaTrace	Pos HemaTrace
9QCGYT	Pos HT	Pos HT
9UA6A9	Pos RSID	Pos RSID

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
9ZXAY8Y	Pos HemaTrace, DNA	Pos HemaTrace, DNA
A4FCN9	Pos RSID	Pos RSID
A4GEC8	Pos ABACard HemaTrace	Pos ABACard HemaTrace
AFN67M	Pos ABACard HemaTrace	Pos ABACard HemaTrace
B8RGW3	Pos PowerQuant	Pos PowerQuant
BFPA7H	Pos HemaTrace	Pos HemaTrace
BPZG78	Pos ABACard HemaTrace	NT
BQ9UCZ	Pos HemaTrace	Pos HemaTrace
BZYB8V	Pos HemDirect	Pos HemDirect
CM2KG3	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
CPULZ7	Pos ABACard	Pos ABACard
CRJVYY	Pos HemaTrace	Pos HemaTrace
D66M3Y	Pos RSID	Pos RSID
DLHXGZ	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
DMK7QQ	Pos HemaTrace	Pos HemaTrace
DPH9CZ	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
EGJYL2	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
EL3JN2	Pos RSID	Pos RSID
EY8KG7	Pos PowerQuant	Pos PowerQuant
EYUYXW	Pos HemaTrace	Pos HemaTrace
EZYCYP	Pos Seratec Hemdirect, Seratec PMB	Pos Seratec Hemdirect, Seratec PMB
FWZRTQ	Pos HemaTrace	Pos HemaTrace
GHD766	Pos Quant Trio; HemaTrace	Pos Quant Trio; HemaTrace
GQQWLV	Pos HemaTrace	Pos HemaTrace
H8Q76R	Pos HemaTrace	Pos HemaTrace
HRDTGE	Pos ABACard HemaTrace	Pos ABACard HemaTrace
J7TCKT	Pos HemaTrace	Pos HemaTrace
J7U22J	NT	
J82TYL	Pos Seratec PMB	Pos Seratec PMB
JF73MY	Pos ABACard	Pos ABACard
JGVDKR	Pos HemaTrace	Pos HemaTrace
JJG78U	Pos Power Quant	Pos Power Quant
JMV2PC	Pos HemaTrace	Pos HemaTrace
JQJB8Q	Pos Quantifiler Trio	Pos Quantifiler Trio
JUZMY2	Pos PowerQuant	Pos PowerQuant

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
JZ9WDP	Pos Quantifiler Trio	Pos Quantifiler Trio
KCWHVP	Pos Quant	Pos Quant
KDM4PV	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
KH38JN	Pos RSID-Blood	Pos RSID-Blood
KL3HAW	Pos HemaTrace	Pos HemaTrace
KPGKEW	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
KRRZPU	Pos HemaTrace	Pos HemaTrace
LFBMYC	Pos HemaTrace	Pos HemaTrace
LMUTUX	Pos PowerQuant	Pos PowerQuant
LURBGM	Pos Quantifiler Trio	Pos Quantifiler Trio
LXTL7V	Pos RSID	Pos RSID
MDG9VK	Pos Quantifiler Trio	Pos Quantifiler Trio
MKY29Y	Pos HemaTrace, Quant Trio	Pos HemaTrace, Quant Trio
NGD8XW	Pos PowerQuant	Pos PowerQuant
NMXYRQ	Pos Hemoglobin Assay, PSA	Pos Hemoglobin Assay
NTCQPP	Pos HemaTrace	Pos HemaTrace
NWTALR	Pos ABACard	Pos ABACard
P22WXG	Pos HemaTrace	Pos HemaTrace
PKCQPM	Pos HemaTrace	Pos HemaTrace
PMK48N	Pos HemaTrace	Pos HemaTrace
PYBURT	Pos HemaTrace	Pos HemaTrace
QT3NWL	Pos RSID-Blood	Pos RSID-Blood
QTPYQN	Pos HemaTrace	Pos HemaTrace
QV78CN	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
QXH78C	Pos HemaTrace	Pos HemaTrace
QZYAFN	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
R39ZHH	Pos Quant	Pos Quant
R7GYFN	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
RPQ4W7	Pos ABACard HemaTrace Blood TEST	Pos ABACard HemaTrace Blood TEST
THT9U7	Pos HT	Pos HT
TK33NK	Pos PowerQuant	Pos PowerQuant
TPV262	Pos Quantifiler Trio	Pos Quantifiler Trio
TR2PH7	Pos HemaTrace	Pos HemaTrace
UAXM7J	Pos HemaTrace	Pos HemaTrace
UW9NEG	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
V7C4FL	Pos RSID	Pos RSID
V92QFJ	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
VWZMQF	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
VY8YP	Pos Ouchterlony (anti-HgHb), Quant Trio	Pos Ouchterlony (anti-HgHb), Quant Trio
W3PPM7	Pos ABA HemaTrace	Pos ABA HemaTrace
W4469J	NT	
W8362J	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
WJV8GB	Pos Quant Trio	Pos Quant Trio
WQC7VG	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
XGQW68	Pos HemaTrace	Pos HemaTrace
XXADUG	Pos Ouchterlony Double Diffusion	Pos Ouchterlony Double Diffusion
Y7F3XK	Pos PowerQuant	Pos PowerQuant
Y8FUJ8	Pos HemaTrace	Pos HemaTrace
YN2BQA	Pos HemDirect	Pos HemDirect
YQAGY4	Pos Quant trio	Pos Quant trio
YZACVE	Pos quant	Pos quant
Z2LGWA	Pos HemaTrace	Pos HemaTrace
Z9YWJ7	Pos HemDirect, PMB	Pos HemDirect, PMB
ZBAB97	Pos HemaTrace	Pos HemaTrace
ZQJYGZ	Pos HemaTrace	Pos HemaTrace
ZRJYL7	Pos HemaTrace	Pos HemaTrace
ZRVVQB	Pos HemaTrace	Pos HemaTrace
ZYZNWF	Pos ABACard HemaTrace	Pos ABACard HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin		Participants: 126	
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	123	122	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	3	1	
Not Reported	0	2	

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
22FAJF	Pos Quantifiler Trio	Neg Quantifiler Trio
247MRQ	Pos NaOH Yscreen	Neg NaOH Yscreen
2BMBFZ	Pos Quantifiler Trio	NT
2J2WP4	Pos Quantifiler Trio	NT
3JBXVH	Pos Quant Trio	Neg Quant Trio
3PJR6D	Pos Plexor HY	Neg Plexor HY
3TJ32D	Pos Plexor HY	Neg Plexor HY
3TYCRE	Pos Quantifiler Trio	Neg Quantifiler Trio
3WYNNE	Pos Quantifiler Trio	Neg Quantifiler Trio
4LHHGW	Pos Zygem	NT
4N6MZ9	Pos NaOH lysis, Quant Trio	Neg NaOH lysis, Quant Trio
4XA9XU	Pos	Neg
6JT6B6	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
6YZPR3	Pos	Neg
76M4HZ	Pos QuantiFiler Duo	Neg QuantiFiler Duo
7EU924	Pos PowerQuant, CaseworkDirect	Neg PowerQuant, CaseworkDirect, QFT
7J7W2Z	Pos PowerQuant	Neg PowerQuant
7YZJ78	Pos Powerquant	Neg Powerquant
8DBVQC	Pos Quantifiler Trio	Neg Quantifiler Trio
92DYJ4	Pos Quantifiler Trio	Neg Quantifiler Trio
962GU3	Pos Power quant	Neg Power quant
9E28B4	Pos PowerQuant	Neg PowerQuant
9HZ77N	Pos Zygem	NT
9JV4XA	Pos PowerQuant	Neg QuantiTrio
9R9EA4	Pos	Neg
A4GEC8	Pos Plexor XY	Neg Plexor XY
B8RGW3	Pos Casework Direct	NT
BPZG78	Pos Plexor HY	Neg Plexor HY
BQ9UCZ	Pos PowerQuant	Neg PowerQuant
CPULZ7	Pos PlexorHY	Neg PlexorHY
CRJVYY	Pos Powerquant	Neg Powerquant
DXCE9L	Pos Zygem	NT
EL3JN2	Pos Quantifiler Trio	Neg Quantifiler Trio
EYUYXW	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
FWZRTQ	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
FXW7JP	Pos Quant Duo	Neg Quant Duo
GBAPMP	Pos Quantifiler Trio	NT
GHD766	Pos Quant Trio	Neg Quant Trio
GQQWLV	Pos PowerQuant	Neg PowerQuant
H8Q76R	Pos PowerQuant	Neg PowerQuant
HHMZVP	Pos Y-screening	Neg Y-screening
HKDJW9	Pos Casework Direct	Neg Casework Direct
J7TCKT	Pos PowerQuant	Neg PowerQuant
J7U22J	Pos Quant Trio	
JF73MY	Pos PlexorHY	Neg PlexorHY
JGVDKR	Pos Powerquant	Neg Powerquant
KCWHVP	Pos Quant	Neg Quant
KL3HAW	Pos Casework Direct, PowerQuant	Neg QuantTrio
KRRZPU	Pos Power Quant	Neg Power Quant
KXAHWA	Pos y-screen	NT
LXTL7V	Pos Quantifiler Trio	Neg Quantifiler Trio
LZFZV6	Pos Casework Direct Extraction	NT
MKY29Y	Pos Quant Trio	Neg Quant Trio
MXA4NM	Pos Y-filer Plus	NT
MZUZDL	Pos Quantifiler Trio	Neg Quantifiler Trio
NJHUE8	Pos	Neg
NTCQPP	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
NWTALR	Pos Plexor HY	Neg Plexor HY
P22WXG	Pos POWERQUANT	Neg POWERQUANT
PKCQPM	Pos Powerquant	Neg Powerquant
PMK48N	Pos Powerquant, Quantifiler Trio	Neg Powerquant, Quantifiler Trio
PYBURT	Pos PowerQuant	Neg PowerQuant
QD4XLH	Pos Plexor HY	NT
QTPYQN	Pos PowerQuant	Neg PowerQuant
R39ZHH	Pos Quant	Neg Quant
RC73DY	Pos Casework Direct	NT
TPV262	Pos Quantifiler Trio	Neg Quantifiler Trio
U88BH8	Pos Quantifiler Trio	Neg Quantifiler Trio
UAXM7J	Pos Powerquant	Neg Powerquant
UTQF3B	Pos Quant Trio	Neg Quant Trio
UW9NEG	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
UYW9W7	Pos	Neg

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
VJZ3PW	Pos NaOH	Neg NaOH
VYB8YP	Pos Quant Trio	Neg Quant Trio
W3PPM7	Pos Quantifiler Trio	NT
WKU6ZJ	Pos NaOH screen	Neg NaOH screen
X8TBPT	Pos Casework Direct	Neg Casework Direct
XGQW68	Pos PowerQuant	Neg PowerQuant
Y8FUJ8	Pos PowerQuant	Neg PowerQuant
YQAGY4	Pos Quant trio	Neg Quant trio
YZACVE	Pos	Neg
Z2LGWA	Pos PowerQuant	Neg PowerQuant
ZBAB97	Pos PowerQuant	Neg PowerQuant
ZRJYL7	Pos PowerQuant	Neg PowerQuant
ZRVVQB	Pos Casework Direct, PowerQuant	Neg Casework Direct, PowerQuant
ZYZNWF	Pos PlexorHY	Neg PlexorHY

Table 1e: Serology Screening Response Summary - Y ScreeningParticipants: **86**

This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.

	Item 3	Item 4
Positive	86	0
Negative	0	72
Inconclusive	0	0
Not Tested (NT)	0	13
Not Reported	0	0

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results			
	Item 3		Item 4	
247MRQ			Semen	Inc AP
8QJ8QL	Urine	Neg RSID	Fecal	Neg Urobilinogen
BFPA7H	biological stains	Neg ALS	biological stains	Neg ALS
C6MH6U	Amylase	Neg Amylase Diffusion	Amylase	Neg Amylase Diffusion
EZYCYP	Menstrual Blood	Neg Seratec PMB	Menstrual Blood	Neg Seratec PMB
J7U22J				
J82TYL	Menstrual Blood	Neg Seratec PMB	Menstrual Blood	Neg Seratec PMB
KNLPKD	Visual screening	Pos ALS	Visual screening	Neg ALS
LA4WW7	ALS	Neg ALS	ALS	Neg ALS
MJ64NB	Semen	Inc ALS		
RNKGLM	hair exam	Neg No hair found	hair exam	Neg No hair found
VK89MD	seminal fluid	Inc AP	seminal fluid	Neg AP
Z9YWJ7	Vomit/Urine/Feces	Neg Peptest/DMAC, Creatinine/Urobilinogen, Micro	Urine/Feces	Neg DMAC, Creatinine/Urobilinogen, 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

22FAJF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
<hr/>						
23DNU7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
<hr/>						
247MRQ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
<hr/>						
279FXH	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
<hr/>						
28Z9F2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
<hr/>						
2BMBFZ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 1 - STR Results

2CVAQ9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
2DTKNW	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2FUNDY	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2J2WP4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2KWNPG	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2MEC2W	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
1	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2NNWW4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

2PQCFW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
2QEMXW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
2QGN2N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
2TPNDH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2VW24W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
2XD82C	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
2YR3VC	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

32DHT7	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
33PDDD	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
38VNAQ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
39F4YT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3BKPV7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3BYABA	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
3FCMZH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 1 - STR Results

3FFMY4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3JBXVH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3JQRHQ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3KNVF8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3KQQUC	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3MBKWE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3PGZAC	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

3PJR6D	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
3PMGAB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3TJ32D	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
3TYCRE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3VNZDA	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3VQDTV	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3WD26V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

3WYNNE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
44VK9V	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4AJHKP	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4BFYV2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4C99PX	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
4EE2VB	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4EJMJ4	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

4FP9UW	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4LHHGW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
4N6MZ9	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4TDF6Z	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
4TTCEQ	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4UB6QM	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4UU6G6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	none			none	

TABLE 2

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

Item 1 - STR Results

4VL9Z6	Investigator® 24plex GO!					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4VMZY8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
4WCJNC	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4WL6T9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4XA9XU	GlobalFiler™ (Smallpond)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	N/A			N/A	
68CFCZ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6BVLNF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

6DJZB6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6EQB6M	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6EVKB2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
6G4VDC	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
6JT6B6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
6PNTKB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	
6QPZ94	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

6RJ7B	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6YZPR3	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
6Z86ZU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
6ZQE6A	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
6ZT9J9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
76M4HZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7BQ9UR	PowerPlex® Fusion5C (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	-				

TABLE 2

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

Item 1 - STR Results

7EU924	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
7H76GD	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7HN268	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7HUCXX	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7J7W2Z	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7J8VXU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7KRVJ4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

7LP7HR	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
7PPDZ4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7QKQR3	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7U39PE	GlobalFiler™ (STRMix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7VEQ9J	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
7YZJ78	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
82DUBM	Investigator® 24plex					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

839UF9	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
86DZRE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
87AJP9	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8AUDU2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8BBAM2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8D7QFP	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8DBVQC	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 1 - STR Results

8EN9K2	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
8GVF4T	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	-
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	
8JDRNQ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8KAALL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8L7G9X	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8L8LFT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8LTZ7R	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

8MEQ6B	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8Q2FG2	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8QJ8QL	GlobalFiler™ Express (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
8QRCD4	GlobalFiler™, Verifiler (GeneMapper ID-X Software v1.5)					
	15,17.3	23,24	11	14,15	12	13,18
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8XZUCB	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
92DYJ4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
962GU3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	

TABLE 2

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

Item 1 - STR Results

96ACTU	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
98EFQ4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
98HTKR	GlobalFiler™ Express					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
9DM79W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9E28B4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9EFP23	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9EYDJX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

9EZZNW	Identifiler® Plus					
		23,24		14,15	12	
1	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
9FRRZ3	PowerPlex® Fusion, MiniFiler					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
9H3FDT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9HZ77N	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
9JV4XA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
9L3GL3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
9M96LZ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

9MXZN4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9NLEWL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
9QCGYT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9R9EA4	Investigator® 24plex					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9RQY3Y	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
9UR4HZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no results			no results	
9UWKGY	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

9VQBXY	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
9WJ882	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
9ZXABY	Identifiler®					
		23,24		14,15	12	
1	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
A2RURH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	N/A
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	N/A	N/A	20,25.2	6,9.3	8,12
	17,20	N/A	N/A	N/A	N/A	
A4GEC8	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
A4RPTQ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	-
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	
A7378V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

A7JKY9	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	NT
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	NT	NT	20,25.2	6,9.3	8,12
	17,20	NR	NT	NT	NR	
A8XJZP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	nd			nd	
AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NM				
AAJDMH	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AAZLLK	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
ABTA72	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
ADLCXB	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

AFN67M	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AG3NQK	Identifiler®, Investigator® 24plex					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AJBP6P	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AK6YX2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AKLVX	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ALKRVV	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AMTWG7	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

APDPCL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
AZF6Y6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
B8RGW3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
BAFZTU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
BDLKU2	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
BFPA7H	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BGV2QH	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

BKET47	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BNFYKX	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BPZG78	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
BQ9UCZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
BTBUCW	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BTVE7H	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
BVWDLG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

BX8G97	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BYZ986	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BZYB8V	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
C6MH6U	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-				
CJQJ36	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CKW6FJ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
CM2KG3	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

CMPZFY		GlobalFiler™ Express					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
CMZZYM		GlobalFiler™					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20	ND			ND	
CP6P73		GlobalFiler™ (STRmix)					
		15,17.3	23,24	11,11	14,15	12,12	
1		11,11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
CPULZ7		Identifiler® Plus					
			23,24		14,15	12,12	
1		11,11	13,14			11,13	9,12
		15,17	12,14	29,32.2		X,X	11,12
		19,26				6,9.3	8,12
		17,20					
CRJYY		GlobalFiler™					
		15,17.3	23,24	11,11	14,15	12,12	
1		11,11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20	-			-	
CTCU9Q		GlobalFiler™					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
CU36XX		PowerPlex® Fusion					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26	13,14	5,7		6,9.3	8,12
		17,20					

TABLE 2

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

Item 1 - STR Results

CUDH6M	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CWAGGK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CWNWUL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CYK9Y3	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CZ9XRU	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
D2FDZK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
D47R9V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

D66M3Y	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
D8Z6WZ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
DATXRH	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	-	-	-		
DCYRXV	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
DDBLL9	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DE6EBZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DJKNW6	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

DKANQN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
DLHXGZ	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
DMK7QQ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DMU6TL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
DPH9CZ	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
DT69PF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DVEAYT	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

DXCE9L	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
DY8AZH	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
DZ4MPV	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
DZAWU3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
E2HDKL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
E3PVHG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
E4ZJV2	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

E8V6A6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
EDF9XV	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
1	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
EE2JDU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EFWQT7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EFZ79R	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EGJYL2	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
EHFRQD	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

EHJHMN		GlobalFiler™					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
EJDRGK		GlobalFiler™					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20	NM			NM	
EL3JN2		GlobalFiler™					
		15,17.3	23,24	11,11	14,15	12,12	
1		11,11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20	NR			NR	
ELYD8M		GlobalFiler™					
		15,17.3	23,24	11,11	14,15	12,12	
1		11,11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20	NR			NR	
ERBPMU		GlobalFiler™					
		15,17.3	23,24	11,11	14,15	12,12	
1		11,11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X,X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
ERUJ9N		GlobalFiler™					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					
ETKUWW		GlobalFiler™ (STRmix)					
		15,17.3	23,24	11	14,15	12	
1		11	13,14	14,16	19,20	11,13	9,12
		15,17	12,14	29,32.2	15,16	X	11,12
		19,26			20,25.2	6,9.3	8,12
		17,20					

TABLE 2

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

Item 1 - STR Results

EXVRHX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
EY8KG7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
EYUYXW	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
EZ29Z2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
EZYCYP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F2FW3U	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F39V2D	GlobalFiler™ Express (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 1 - STR Results

F6Q8MV	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F8XMZT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F9EMCV	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FF9R8R	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FFTKPG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FHY6F3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FJ97KA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	N/A
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	N/A	N/A	20,25.2	6,9.3	8,12
	17,20	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

FJATBV	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FNJ9KJ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
FPGV7J	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FWCKER	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FWZRTQ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
FXW7JP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FYHY47	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

G2L4BY	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
G68PGT	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
G8AJ7X	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
G8MF6B	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GBAPMP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GDFFPX	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
GG6PTX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

GHD766	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
GJM2FF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GJRCHE	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GP9DGJ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
GQDZKW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
GQQWLV	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GRFQ3Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

GTTQ9E	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
GVVNLR	GlobalFiler™ (STRmix 2.6.3)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GYJ6BT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GZB48D	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
H8Q76R	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
HB442T	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
HCHJJ2	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

HE4FXT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
HHMZVP	PowerPlex® Fusion 6C, GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
HJX6KR	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HKDJW9	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
HRDTGE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HTB67F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HX8MRM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

J4MQYN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
J7TCKT	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
J7U22J	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
J82TYL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JC3D3Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JCYZAM	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	---				
JF73MY	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

JGVDKR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
JJG78U	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
JMV2PC	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
JQJB8Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
JRW3XM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JUCNDM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
JUZMY2	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

JVA8TQ	PowerPlex® 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
JW6BEQ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JXGLZW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
JZ9WDP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
K4F6TJ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
K6VB9A	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
K9Q9C7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

K9RGQF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
KA7D9J	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
KAW7JX	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KCWHVP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KDM4PV	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
KDWEPT	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
KFFKW3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

KH38JN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KHCF8P	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
KJFL6D	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KL3HAW	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
KNLPKD	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KPGKEW	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
KQDDCL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

KQTMEU	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
KRRZPU	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KUR8XK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
KWZPAH	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
L6A3QH	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LA4WW7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LAZJ3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

LFBMYC	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LM74GN	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
LMUTUX	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LNHBQP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
LQ8TQP	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
LURBGM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
LVM44T	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

LWGXVW	GlobalFiler™ (STRmix 2.8)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LWZLB7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LX763L	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
LXN9JY	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LXTL7V	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
LZfZV6	PowerPlex® Fusion5C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
M29VXM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

M2KAXM	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
M49TVD	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MCARZA	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MDG9VK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no results			no results	
MDYATU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
MFQ7JA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
MGWX3A	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

MGZBWX	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MJ64NB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MJMWG9	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
MKY29Y	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
MM3YEK	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	F,F			F,F	
MQNXB9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MXA4NM	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
1	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

MY34M7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MYHECY	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
MYWMJD	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MZEFR3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MZUZDL	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
N2VHFL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
N7EJU7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

N86UJE	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NAU6A8	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
NC9ALC	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NCJTWM	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NDDZEK	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NDWB3E	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NFYM6L	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

NGD8XW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NHXYM	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
NJHUE8	Investigator® 24plex					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NKE6DV	PowerPlex® Fusion 6c					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NMXYRQ	Identifiler® Plus (GeneMapper® ID-X)					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NQ2ZAT	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NQ6HCX	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

NQNAFG	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NTCQPP	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NVQA3L	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NVYGN9	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NW67GJ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
NWTALR	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NYBKB4	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

NZPV8N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
P22WXG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
P2FC3G	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
P6UA9J	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
P8KN7N	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
PB3LBB	Investigator® 24plex GO!					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR				
PJ3QJU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

PJGBB6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
PKCQPM	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
PMK48N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
PMV27D	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	ND
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	ND	ND	20,25.2	6,9.3	8,12
	17,20	ND	ND	ND	ND	
PMYEZ2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
PPYWPG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
PTPQWJ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

PUDAUB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
PYBURT	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
Q38VCL	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Q4VXVA	Investigator® 24plex					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NA				
Q4XVGK	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
Q6GQA8	GlobalFiler™ Express					
	15,17.3	INC	11	14,15	12,12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NID			NID	
Q73QWG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

Q7PY7K	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
QD4XLH	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
QGT8WJ	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
1	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
QHJD6G	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
QLX9PL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QP4AHK	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QT3NWL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

QT4T3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QTPYQN	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QU9A8F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,[12]
	17,20	ND			ND	
QUDMZ4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QV78CN	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
QW4UDD	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
QW7JFP	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

QXH78C	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QZ63DG	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QZYAFN	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
R33R6N	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
R39ZHH	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
R7GYFN	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
R7Z9J4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

R8UCFE	Identifiler® Plus					
		23,24		14,15	12	
1	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
R8XL3P	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
RC73DY	PowerPlex® Fusion 5c					
	15,17.3	23,24	11,11	14,15	12,12	-
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	-	6,9.3	8,12
	17,20	-	-	-	-	-
RDKCPK	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
RJ2LGA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
RJPMQ7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
RLWFRD	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 1 - STR Results

RLWQ92	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RMNTVG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RNKGLM	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
RPQ4W7	GlobalFiler™ Express (GFF v2.7.5 beta)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RQFEE9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RV67A9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RWYQ7F	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

R4EJK	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
RZFMJR	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
T3HMH8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
T3K86B	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
T47L7L	PowerPlex® Fusion Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
T6269M	GlobalFiler™, Investigator® 24plex QS (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
T7622C	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

T8E4RG	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TDWD38	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TEA6VN	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TENNJR	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
TEXANN	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
TFNNLD	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TGZC8X	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

THT9U7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TK33NK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
TK6VE7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TL72F6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
TPV262	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TQ6F6F	GlobalFiler™ (STRmix v2.6.3)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TR2PH7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

TTYJDJ	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TTYTEB	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
U3DQKC	Identifiler® Plus					
		23,24		14,15	12	
1	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
U4NWF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
U6Y3AM	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
U7F8XD	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
U88BH8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 1 - STR Results

U9K394	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UAXM7J	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UJ7WVX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
UJGKVJ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
UJYB3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UKAYB2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UMLE63	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

UN9UW4	Identifiler® Plus, GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
UNTVYR	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
URZ6E4	PowerPlex® Fusion 6c					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NID	NID	NID		
UTQF3B	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
UVU9YV	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
UW9NEG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
UYGTWC	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

UYW9W7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	N/A			NR	
V3LLZ2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
V3XHVF	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
V42BC8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
V6ZF79	PowerPlex® Fusion 6C Direct					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
V792V3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	-	-	-		
V92QFJ	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

V9JC6L	PowerPlex® 21 (STRmix)					
	15,17.3	23,24		14,15	12,12	13,18
1	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
VBN7MB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VCFRX9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VDQV2D	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VENC89	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VJZ3PW	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
VK89MD	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

VMYPXR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VMZAY9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
VPAFDM	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
VWZMQF	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
VXKHYN	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
VXZZKG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VYB8YP	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	NT
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	NT	NT	20,25.2	6,9.3	8,12
	17,20	NR	NT	NT	NR	

TABLE 2

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

Item 1 - STR Results

VZ63F8	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
W2TJXY	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
W3PPM7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
W4469J	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
W4HT2Y	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
W6B7MK	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
W8362J	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

W9BUBZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,6.3	8,12
	17,20					
W9YURC	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
WC86X7	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
WD7N7F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
WDAY9E	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
WDMUAC	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WE2BU6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

WGNTQW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WJV8GB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No results			No results	
WKU3BE	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
WKU6ZJ	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
WN4J7W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WQC7VG	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
WR9GT6	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

WTZ4EM	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
WXELRW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WXY9G8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WYPJ7E	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X2M2LZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X4EF8B	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
X76RW9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

X7PDPY	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X8TBPT	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	-
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	-	6,9.3	8,12
	17,20	-	-	-	-	-
X8VURB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
X8XLRR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XGKFX9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
XGQW68	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XHUKDH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No results			No results	

TABLE 2

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

Item 1 - STR Results

XJ8PZ2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
XJTRRG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XKMFBC	GlobalFiler™ Express					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XKMKG9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XN4UNK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
XNJ7BW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XQ7CPG	AmpFISTR NGM					
	15,17.3	23,24	11,11	14,15		
1		13,14	14,16	19,20		9,12
	15,17	12,14	29,32.2	15,16	X,X	
	19,26				6,9.3	
	17,20					

TABLE 2

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

Item 1 - STR Results

XXADUG	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
XXNA9E	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XXTG3V	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
Y7F3XK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Y7HT7N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
Y8FUJ8	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YBBCD8	Identifiler® Plus					
		23,24		14,15	12	
1	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

YBUF3D	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YD4GCR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YDXQ2G	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YFLYVW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YHNTUZ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	-				
YKK4XF	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YLN4PZ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

YM47W9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
YMMGK3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
YN2BQA	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
YNMVD9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YQAGY4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YRF4C9	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YWCQ7W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

YWG29V	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YYJ277	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YZACVE	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Z2LGWA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
Z7RLGB	PowerPlex® Fusion SYSTEM (M-FISys 11.09)					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
Z9YWJ7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,[12]
	17,20					
ZBAB97	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

ZCLB8G	Investigator® 24plex QS					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZGYNCE	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
1	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZKFG43	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
ZQJYGZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZRJYL7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZRWQB	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
ZW7Z7R	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
1	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 1 - STR Results

ZYCFMV	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

ZYZNWF	Identifiler® Plus					
		23,24		14,15	12,12	
1	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 2 - STR Results

22FAJF	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
23DNU7	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
247MRQ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
279FXH	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
28Z9F2	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
2BMBFZ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
2CVAQ9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

2DTKNW	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
2FUNDY	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
2J2WP4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
2KWNPG	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
2MEC2W	PowerPlex® 21					
	12,16	17,19		15,15	11,12	17,19
2	11,13	10,14		18,19	11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17					
2NNWW4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
2PQCFW	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

2QEMXW	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
2QGN2N	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
2TPNDH	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
2VW24W	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
2XD82C	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
2YR3VC	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
32DHT7	PowerPlex® Fusion 6C (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		

TABLE 2

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

Item 2 - STR Results

33PDDD	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
38VNAQ	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
39F4YT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3BKPV7	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
3BYABA	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
3FCMZH	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
3FFMY4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

3JBXVH	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
3JQRHQ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3KNVF8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3KQQUC	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3MBKWE	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
3PGZAC	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
3PJR6D	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					

TABLE 2

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

Item 2 - STR Results

3PMGAB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3TJ32D	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
3TYCRE	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
3VNZDA	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3VQDTV	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3WD26V	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
3WYNNE	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

44VK9V	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
4AJHKP	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
4BFYV2	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
4C99PX	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
4EE2VB	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
4EJMJ4	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
4FP9UW	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

4LHHGW	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	INC				
4N6MZ9	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
4TDF6Z	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
4TTCEQ	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
4UB6QM	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
4UU6G6	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
4VL9Z6	Investigator® 24plex GO!					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

4VMZY8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
4WCJNC	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
4WL6T9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
4XA9XU	GlobalFiler™ (SmallPond)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
68CFCZ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
6BVLNF	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
6DJZB6	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

6EQB6M	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
6EVKB2	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	[11],16.2	31,32.2	16	X,Y	7,[8]
	22,23			14,19	[6],8	[6],[11]
	17	10			2	
6G4VDC	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
6JT6B6	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
6PNTKB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	-	-	14,19	6,8	6,11
	17	10	-	-	2	
6QPZ94	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
6RJJ7B	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

6YZPR3	PowerPlex® Fusion 6C, GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14	2	
6Z86ZU	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
6ZQE6A	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
6ZT9J9	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
76M4HZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
7BQ9UR	PowerPlex® Fusion5C (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
7EU924	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

7H76GD	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
7HN268	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
7HUCXX	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
7J7W2Z	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
7J8VXU	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
7KRVJ4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
7LP7HR	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

7PPDZ4	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
7QKQR3	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
7U39PE	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
7VEQ9J	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
7YZJ78	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
82DUBM	Investigator® 24plex					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
839UF9	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

86DZRE	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
87AJP9	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
8AUDU2	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
8BBAM2	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
8D7QFP	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
8DBVQC	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
8EN9K2	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

8GVF4T	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	-
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	-	-	14,19	6,8	6,11
	17,17	10	-	-	2	
8JDRNQ	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
8KAALL	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
8L7G9X	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
8L8LFT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
8LTZ7R	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
8MEQ6B	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		

TABLE 2

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

Item 2 - STR Results

8Q2FG2	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
8QJ8QL	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
8QRCD4	GlobalFiler™, Verifiler (GeneMapper ID-X Software v1.5)					
	12,16	17,19	12,14	15	11,12	17,19
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10			2	
8XZUCB	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
92DYJ4	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
962GU3	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
96ACTU	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					

TABLE 2

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

Item 2 - STR Results

98EFQ4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
98HTKR	GlobalFiler™ Express					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	8,8	6,11
	17,17	10			2	
9DM79W	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9E28B4	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
9EFP23	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
9EYDJX	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9EZZNW	Identifiler® Plus					
		17,19		15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17					

TABLE 2

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

Item 2 - STR Results

9FRRZ3	PowerPlex® Fusion, MiniFiler					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
9H3FDT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9HZ77N	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	INC				
9JV4XA	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
9L3GL3	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
9M96LZ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9MXZN4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

9NLEWL	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
9QCGYT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9R9EA4	Investigator® 24plex					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10				
9RQY3Y	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
9UR4HZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
9UWKGY	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
9VQBXY	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		

TABLE 2

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

Item 2 - STR Results

9WJ882	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
9ZX8Y	Identifiler®					
		17,19		15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17					
A2RURH	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	N/A
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	N/A	N/A	14,19	6,8	6,11
	17,17	10	N/A	N/A	2	
A4GEC8	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
A4RPTQ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	-
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	-	-	14,19	6,8	6,11
	17,17	10	-	-	2	
A7378V	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
A7JKY9	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	NT
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	NT	NT	14,19	6,8	6,11
	17,17	10	NT	NT	2	

TABLE 2

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

Item 2 - STR Results

A8XJZP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
AAJDMH	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
AAZLLK	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
ABTA72	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
ADLCXB	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
AFN67M	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

AG3NQK	Investigator® 24plex					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10				
AJBP6P	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
AK6YX2	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
AKLVX	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ALKRVV	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
AMTWG7	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
APDPCL	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

AZF6Y6	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
B8RGW3	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
BAFZTU	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
BDLKU2	PowerPlex® Fusion 6C (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
BFPA7H	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
BGV2QH	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
BKET47	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

BNFYKX	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
BPZG78	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
BQ9UCZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
BTBUCW	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
BTVE7H	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
BVWDLG	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
BX8G97	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

BYZ986	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
BZYB8V	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
C6MH6U	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
CJQJ36	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CKW6FJ	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
CM2KG3	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
CMPZFY	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

CMZZYM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CP6P73	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
CPULZ7	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
CRJVYY	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
CTCU9Q	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CU36XX	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
CUDH6M	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

CWAGGK	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CWNWUL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CYK9Y3	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
CZ9XRU	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
D2FDZK	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
D47R9V	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
D66M3Y	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

D8Z6WZ	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
DATXRH	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
DCYRXV	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
DDBLL9	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
DE6EBZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
DJKNW6	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
DKANQN	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

DLHXGZ	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
DMK7QQ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
DMU6TL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
DPH9CZ	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
DT69PF	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
DVEAYT	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
DXCE9L	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	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

DY8AZH	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
DZ4MPV	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
DZAWU3	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
E2HDKL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
E3PVHG	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
E4ZJV2	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
E8V6A6	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

EDF9XV	PowerPlex® 21					
	12,16	17,19		15,15	11,12	17,19
2	11,13	10,14		18,19	11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17					
EE2JDU	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
EFWQT7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
EFZ79R	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
EGJYL2	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
EHRQD	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
EHJHMN	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

EJDRGK	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
EL3JN2	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ELYD8M	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ERBPMU	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ERUJ9N	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
ETKUWW	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
EXVRHX	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

EY8KG7	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
EYUYXW	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
EZ29Z2	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
EZYCYP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
F2FW3U	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
F39V2D	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
F6Q8MV	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

F8XMZT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
F9EMCV	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
FF9R8R	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
FFTKPG	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
FHY6F3	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
FJ97KA	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	N/A
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	N/A	N/A	14,19	6,8	6,11
	17,17	10	N/A	N/A	2	
FJATBV	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

FNJ9KJ	GlobalFiler™						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17,17	10			2		
FPGV7J	PowerPlex® Fusion 6C						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14			
FWCKER	GlobalFiler™						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17,17	10			2		
FWZRTQ	GlobalFiler™						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17,17	10			2		
FXW7JP	GlobalFiler™ (STRmix)						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17	10			2		
FYHY47	GlobalFiler™						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17,17	10			2		
G2L4BY	GlobalFiler™						
		12,16	17,19	12,14	15,15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17,17	10			2		

TABLE 2

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

Item 2 - STR Results

G68PGT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
G8AJ7X	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
G8MF6B	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
GBAPMP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GDFFPX	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
GG6PTX	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GHD766	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

GJM2FF	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GJRCHE	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GP9DGJ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
GQDZKW	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
GQQWLV	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,[11]
	17,17	10			2	
GRFQ3Q	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GTTQ9E	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

GVVNLR	GlobalFiler™ (STRmix 2.6.3)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GYJ6BT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
GZB48D	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
H8Q76R	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
HB442T	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
HCHJJ2	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
HE4FXT	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

HHMZVP	PowerPlex® Fusion 6C, GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14	2	
HJX6KR	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
HKDJW9	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
HRDTGE	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
HTB67F	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
HX8MRM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
J4MQYN	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

J7TCKT	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
J7U22J	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
J82TYL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JC3D3Q	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JCYZAM	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
JF73MY	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
JGVDKR	GlobalFiler™					
	12,16	17,[19]	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

JJG78U	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
JMV2PC	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
JQJB8Q	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JRW3XM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JUCNDM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JUZMY2	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
JVA8TQ	PowerPlex® 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

JW6BEQ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
JXGLZW	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
JZ9WDP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
K4F6TJ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
K6VB9A	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
K9Q9C7	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
K9RGQF	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

KA7D9J	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
KAW7JX	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
KCWHVP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
KDM4PV	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
KDWEPT	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
KFFKW3	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
KH38JN	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

KHCF8P	GlobalFiler™					
		12,16	17,19	12,14	15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16	X,Y 7,8
		22,23			14,19	6,8 6,11
	17	10			2	
KJFL6D	GlobalFiler™					
		12,16	17,19	12,14	15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16	X,Y 7,8
		22,23			14,19	6,8 6,11
	17	10			2	
KL3HAW	GlobalFiler™					
		12,16	17,19	12,14	15,15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16,16	X,Y 7,8
		22,23			14,19	6,8 6,11
	17,17	10			2	
KNLPKD	GlobalFiler™					
		12,16	17,19	12,14	15,15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16,16	X,Y 7,8
		22,23			14,19	6,8 6,11
	17,17	10			2	
KPGKEW	Identifiler® Plus					
			17,19		15,15	11,12
	2	11,13	10,14			11,12 11,13
		15,16	11,16.2	31,32.2		X,Y 7,8
		22,23				6,8 6,11
	17,17					
KQDDCL	GlobalFiler™					
		12,16	17,19	12,14	15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16	X,Y 7,8
		22,23			14,19	6,8 6,11
	17	10			2	
KQTMEU	PowerPlex® Fusion					
		12,16	17,19	12,14	15	11,12
	2	11,13	10,14	14,15	18,19	11,12 11,13
		15,16	11,16.2	31,32.2	16	X,Y 7,8
		22,23	9,12	14,15		6,8 6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

KRRZPU	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
KUR8XK	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
KWZPAH	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
L6A3QH	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
LA4WW7	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
LAZJ3H	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
LFBMYC	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

LM74GN	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
LMUTUX	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
LNHBQP	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
LQ8TQP	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
LURBGM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
LVM44T	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
LWGXVW	GlobalFiler™ (STRmix 2.8)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

LWZLB7	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
LX763L	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
LXN9JY	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
LXTL7V	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
LZfZV6	PowerPlex® Fusion5C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
M29VXM	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
M2KAXM	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

M49TVD	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
MCARZA	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
MDG9VK	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
MDYATU	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
MFQ7JA	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
MGWX3A	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
MGZBWX	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

MJ64NB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
MJMWG9	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
MKY29Y	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
MM3YEK	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10,10			2,2	
MQNXB9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
MXA4NM	PowerPlex® 21					
	12,16	17,19		15,15	11,12	17,19
2	11,13	10,14		18,19	11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17					
MY34M7	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

MYHECY	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
MYWMJD	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
MZEFR3	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
MZUZDL	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
N2VHFL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
N7EJU7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
N86UJE	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

NAU6A8	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
NC9ALC	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
NCJTWM	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
NDDZEK	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
NDWB3E	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
NFYM6L	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
NGD8XW	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		

TABLE 2

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

Item 2 - STR Results

NHXRYM	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
NJHUE8	Investigator® 24plex					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
NKE6DV	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
NMXYRQ	Identifiler® Plus (GeneMapper® ID-X)					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
NQ2ZAT	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
NQ6HCX	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
NQNAFG	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		

TABLE 2

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

Item 2 - STR Results

NTCQPP	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
NVQA3L	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
NVYGN9	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
NW67GJ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
NWTALR	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
NYBKB4	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
NZPV8N	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

P22WXG	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
P2FC3G	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
P6UA9J	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
P8KN7N	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
PB3LBB	Investigator® 24plex GO!					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
PJ3QJU	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
PJGBB6	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

PKCQPM	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
PMK48N	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
PMV27D	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	ND
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	ND	ND	14,19	6,8	6,11
	17	10	ND	ND	2	
PMYEZ2	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
PPYWPG	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
PTPQWJ	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
PUDAUB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

PYBURT	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
Q38VCL	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
Q4VXVA	Investigator® 24plex					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10				
Q4XVGK	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
Q6GQA8	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
Q73QWG	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
Q7PY7K	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

QD4XLH	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
QGT8WJ	PowerPlex® 21					
	12,16	17,19		15,15	11,12	17,19
2	11,13	10,14		18,19	11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17					
QHJD6G	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
QLX9PL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
QP4AHK	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
QT3NWL	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
QT4T3H	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

QTPYQN	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
QU9A8F	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
QUDMZ4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
QV78CN	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
QW4UDD	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
QW7JFP	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
QXH78C	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

QZ63DG	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
QZYAFN	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
R33R6N	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
R39ZHH	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
R7GYFN	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
R7Z9J4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
R8UCFE	Identifiler® Plus					
		17,19		15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17					

TABLE 2

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

Item 2 - STR Results

R8XL3P	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
RC73DY	PowerPlex® Fusion 5c					
	12,16	17,19	12,14	15,15	11,12	-
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	-	6,8	6,11
	17,17	10	-	-	-	
RDKCPK	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
RJ2LGA	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
RJPMQ7	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
RLWFRD	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
RLWQ92	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

RMNTVG	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
RNKGLM	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
RPQ4W7	GlobalFiler™ Express (GFF v2.7.5 beta)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
RQFEE9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
RV67A9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
RWYQ7F	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
RY4EJK	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

RZFMJR	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
T3HHM8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
T3K86B	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
T47L7L	PowerPlex® Fusion Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
T6269M	GlobalFiler™, Investigator® 24plex QS (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
T7622C	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
T8E4RG	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

TDWD38	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
TEA6VN	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
TENNJR	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
TEXANN	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
TFNNLD	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
TGZC8X	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
THT9U7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

TK33NK	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
TK6VE7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
TL72F6	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
TPV262	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
TQ6F6F	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
TR2PH7	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
TTYJDJ	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

YYTEB	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
U3DQKC	Identifiler® Plus					
		17,19		15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17					
U4NWF	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
U6Y3AM	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
U7F8XD	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
U88BH8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
U9K394	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

UAXM7J	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
UJ7WVX	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UJGKVJ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UJYB3H	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UKAYB2	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UMLE63	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UN9UW4	Identifiler® Plus, GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

UNTVYR	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
URZ6E4	PowerPlex® Fusion 6c					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
UTQF3B	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
UVU9YV	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
UW9NEG	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
UYGTWC	Investigator® 24plex QS					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10				
UYW9W7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

V3LLZ2	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
V3XHFV	GlobalFiler™ Express					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
V42BC8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
V6ZF79	PowerPlex® Fusion 6C Direct					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
V792V3	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
V92QFJ	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
V9JC6L	PowerPlex® 21 (STRmix)					
	12,16	17,19		15,15	11,12	17,19
2	11,13	10,14		18,19	11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17					

TABLE 2

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

Item 2 - STR Results

VBN7MB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VCFRX9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VDQV2D	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VENC89	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VJZ3PW	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VK89MD	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
VMYPXR	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

VMZAY9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
VPAFDM	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
VWZMQF	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
VXKHYN	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
VXZZKG	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
VYB8YP	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	NT
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	NT	NT	14,19	6,8	6,11
	17,17	10	NT	NT	2	
VZ63F8	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

W2TJXY	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
W3PPM7	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
W4469J	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
W4HT2Y	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
W6B7MK	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
W8362J	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
W9BUBZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

W9YURC	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
WC86X7	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
WD7N7F	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WDAY9E	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
WDMUAC	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
WE2BU6	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WGNTQW	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

WJV8GB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WKU3BE	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		
WKU6ZJ	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WN4J7W	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WQC7VG	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
WR9GT6	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
WTZ4EM	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14		

TABLE 2

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

Item 2 - STR Results

WXELRW	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WXY9G8	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
WYPJ7E	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
X2M2LZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
X4EF8B	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
X76RW9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
X7PDPY	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

X8TBPT	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15,15	11,12	-
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	-	6,8	6,11
	17,17	10	-	-	-	
X8VURB	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
X8XLRR	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
XGKFX9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
XGQW68	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
XHUKDH	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
XJ8PZ2	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

XJTRRG	GlobalFiler™						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17	10			2		
XKMFBC	GlobalFiler™ Express						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17	10			2		
XKMKG9	GlobalFiler™						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17	10			2		
XN4UNK	PowerPlex® Fusion 6C						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23	9,12	14,15	14,19	6,8	6,11
	17	10	21	14			
XNJ7BW	GlobalFiler™						
		12,16	17,19	12,14	15	11,12	
	2	11,13	10,14	14,15	18,19	11,12	11,13
		15,16	11,16.2	31,32.2	16	X,Y	7,8
		22,23			14,19	6,8	6,11
	17	10			2		
XQ7CPG	AmpFISTR NGM						
		12,16	17,19	12,14	15,15		
	2		10,14	14,15	18,19		11,13
		15,16	11,16.2	31,32.2	16,16	X,Y	
		22,23				6,8	
	17,17						
XXADUG	Identifiler® Plus						
			17,19		15,15	11,12	
	2	11,13	10,14			11,12	11,13
		15,16	11,16.2	31,32.2		X,Y	7,8
		22,23				6,8	6,11
	17,17						

TABLE 2

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

Item 2 - STR Results

XXNA9E	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
XXTG3V	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
Y7F3XK	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
Y7HT7N	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
Y8FUJ8	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
YBBCD8	Identifiler® Plus					
		17,19		15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17					
YBUF3D	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				

TABLE 2

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

Item 2 - STR Results

YD4GCR	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
YDXQ2G	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
YFLYVW	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YHNTUZ	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YKK4XF	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YLN4PZ	PowerPlex® Fusion (TrueAllele)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YM47W9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	

TABLE 2

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

Item 2 - STR Results

YMMGK3	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
YN2BQA	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
YNMVD9	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
YQAGY4	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
YRF4C9	PowerPlex® Fusion					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YWCQ7W	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
YWG29V	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	

TABLE 2

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

Item 2 - STR Results

YYJ277	PowerPlex® Fusion 5C					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17	10				
YZACVE	PowerPlex® Fusion 6C					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15	14,19	6,8	6,11
	17,17	10	21	14		
Z2LGWA	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
Z7RLGB	PowerPlex® Fusion SYSTEM					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23	9,12	14,15		6,8	6,11
	17,17	10				
Z9YWJ7	GlobalFiler™					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
ZBAB97	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ZCLB8G	Investigator® 24plex QS					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10				

TABLE 2

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

Item 2 - STR Results

ZGYNCE	GlobalFiler™ (STRmix)					
	12,16	17,19	12,14	15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17	10			2	
ZKFG43	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					
ZQJYGZ	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ZRJYL7	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ZRWQB	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ZW7Z7R	GlobalFiler™					
	12,16	17,19	12,14	15,15	11,12	
2	11,13	10,14	14,15	18,19	11,12	11,13
	15,16	11,16.2	31,32.2	16,16	X,Y	7,8
	22,23			14,19	6,8	6,11
	17,17	10			2	
ZYCFMV	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					

TABLE 2

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

Item 2 - STR Results

ZYZNWF	Identifiler® Plus					
		17,19		15,15	11,12	
2	11,13	10,14			11,12	11,13
	15,16	11,16.2	31,32.2		X,Y	7,8
	22,23				6,8	6,11
	17,17					

TABLE 2

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

Item 3 - STR Results

39F4YT	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
4C99PX	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
4XA9XU	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.5,26.2	6,8,9,9.3	8,12
	17,20	10			2	
8D7QFP	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11,11	[14],15,[18]	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	[9],12
	15,17,21	[12],14,15	29,[32.2]	15,16,17	X,[Y]	[11],12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,[12]
	17,[20]	10				
8LTZ7R	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
96ACTU	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
9FRRZ3	PowerPlex® Fusion, MiniFiler					
	13,14,15,17.3	17,23,24	11	14,15	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X	11,12
	19,21,24,26	13,14	5,7,12		6,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3 - STR Results

9JR3W3	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,21,24,26	8,13,14	5,7		6,8,9.3	8,12
	17,20	10				
AJBP6P	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
CWNWUL	GlobalFiler™					
	14,15,17.3	17,23,24	11	14,15,18	11,12	
3	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20					
D8Z6WZ	PowerPlex® Fusion					
	14,15,17.3	17,23,24	11	14,15	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26	13,14	5,7,12		6,9.3	8,12
	17,20	10				
E2HDKL	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
E3PVHG	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
HKDJW9	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3 - STR Results

HTB67F	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	10,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
KWZPAH	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
LVM44T	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
N7EJU7	GlobalFiler™					
	15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
NCJTWM	PowerPlex® Fusion 6C					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	10,11,12,13	
3	10,11,13	12,13,14	13,14,15,16	18,19,20,21,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15,16.2	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12,13
	19,21,24,25,26	8,11,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	7,8,11,12
	16,17,19,20	10	19	16		
NDWB3E	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
P8KN7N	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20	10			2	

TABLE 2

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

Item 3 - STR Results

R8UCFE	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
RC73DY	PowerPlex® Fusion 5c					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	-
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	-	6,8,9,9.3	8,12
	17,20	10	-	-	-	
RPQ4W7	GlobalFiler™ 24 (GFF v2.7.5 beta)					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
RQFEE9	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
TYYTEB	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
UJGKVJ	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20	10			2	
V3LLZ2	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

Item 3 - STR Results

WC86X7	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
WR9GT6	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
XNJ7BW	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
XQ7CPG	AmpFISTR NGM					
	13,14,15,17.3	17,23,24	11	14,15,18		
3		13,14	13,14,16	19,20,22		9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	
	19,21,24,26				6,8,9,9.3	
	17,20					
Z7RLGB	PowerPlex® Fusion SYSTEM (M-FISys 11.09)					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
ZKFG43	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					

TABLE 2

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

22FAJF	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	[10],11,11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,X	11,12
	19,[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
23DNU7	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
247MRQ	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			2	
279FXH	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
28Z9F2	PowerPlex® Fusion 5C					
	14,15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
2BMBFZ	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,22.2,25.2,26.2	6,9,9.3	8,12
	17,20	10			NR	
2CVAQ9	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			2	

TABLE 2

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

2DTKNW	PowerPlex® Fusion (TrueAllele)					
	[14],15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,[12]
	17,20					
2FUNDY	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26	13,14	5,7		6,[9],9.3	8,12
	17,20					
2J2WP4	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20	NR			2	
2KWNPG	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,8,9.3	8,12
	17,20	NR			2	
2MEC2W	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
3e	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2NNWW4	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	ND			[2]	
2PQCFW	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

2QEMXW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
2QGN2N	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
2TPNDH	GlobalFiler™					
	[13],[14],15,17.3	23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	NR			[2]	
2VW24W	GlobalFiler™					
	15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20					
2XD82C	Identifiler® Plus					
		23,24		14,15,[18]	12	
3e	11	13,14			[8],11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,[21],26				6,9.3	8,12
	17,20					
2YR3VC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
32DHT7	PowerPlex® Fusion 6C (STRMix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2	6,8,9.3	8,12
	17,20	10	19	16		

TABLE 2

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

Item 3e - STR Results

33PDDD	Identifiler® Plus					
		23,24		14,15,[18]	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
38VNAQ	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
3BKPV7	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
3BYABA	PowerPlex® Fusion					
	13,14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	13,14	5,7		6,8,9,9.3	8,12
	17,20	10				
3FCMZH	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,22,23,24	10,11,12	13,14,15,18	11,12,13	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2,33.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9,9.3	8,11,12
	16,17,19,20	NR			2	
3FFMY4	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	
3JBXVH	GlobalFiler™ (STRmix v2.4.06)					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 3e - STR Results

3JQRHQ	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9,9.3	8,12
	17,20				2	
3KNVF8	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,25.2	6,9,9.3	8,12
	17,20					
3KQQUC	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	9,11,12
	14,15,16,17,21	12,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,20,22.2,24.2,25.2,26.2	6,9,9.3	8,12
	16,17,19,20	10			2	
3MBKWE	GlobalFiler™					
	14,15,17.3	23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20				2	
3PGZAC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
3PJR6D	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9,9.3	8,12
	17,20					
3PMGAB	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	[10]				

TABLE 2

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

Item 3e - STR Results

3TJ32D	Identifiler® Plus					
		23,24		14,15	12,12	
3e	11,13	13,14			8,11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,8,9.3	8,12
	17,20					
3TYCRE	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
3VNZDA	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
3VQDTV	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20				2	
3WD26V	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			2	
3WYNNE	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
44VK9V	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,22.2,25.2	6,8,9.3	8,12
	17,20	10			2	

TABLE 2

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

4AJHKP	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X	11,12
	19,26			20,25.2,26.2	6,9.3	8,12
	17,20				2	
4BFYV2	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
4EE2VB	GlobalFiler™ (STRmix)					
	14,15,17.3	22,23,24	10,11	14,15	11,12	
3e	10,11	12,13,14	13,14,16	19,20	11,13	9,12
	14,15,16,17	12,14	29,32.2	14,15,16	X,Y	11,12
	19,25,26			19,20,24.2,25.2	6,8,9,9.3	8,12
	17,19,20					
4EJMJ4	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,22,23,24	11	13,14,15,18	11,12	
3e	10,11,13	13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	15,16,17,21	12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,11,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10	19	16		
4FP9UW	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4LHHGW	PowerPlex® Fusion (STRmix)					
	15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20,22	11,13	9,12
	15,17	12,14	19,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7		6,8,9,9.3	8,12
	17,20	INC				
4N6MZ9	GlobalFiler™					
	[13,14],15,17.3	23,24	11,11	14,15,[18]	12,12	
3e	11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26			20,25.2	6,[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

4TDF6Z	PowerPlex® Fusion 5C					
	15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	8,11,13,14	5,7		6,9,9.3	8,12
	17,20	NR				
4TTCEQ	PowerPlex® Fusion 5C					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
4UB6QM	GlobalFiler™					
	[13],15,17.3	23,24	11,11	14,15,[18]	12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,26			20,[22.2],25.2,[26.2]	6,9,9.3	8,12
	17,20	[10]			[2]	
4UU6G6	GlobalFiler™ (STRmix 2.4)					
	13,14,15,17.3	17,22,23,24	10,11	13,14,15	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10			2	
4VL9Z6	Investigator® 24plex QS					
	[13,14],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	[10]				
4VMZY8	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,[21],24,26			20,22.2,25.2	6,[8],[9],9.3	8,12
	17,20	10			2	
4WCJNC	PowerPlex® Fusion					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					

TABLE 2

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

4WL6T9	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,22,23,24,Q	10,11	13,14,15,18,Q	10,11,12	
3e	10,11,12,13	12,13,14	13,14,15,16,Q	18,19,20,22,Q	8,10,11,12,13	8,9,11,12,Q
	14,15,16,17,Q	11,12,13,14,15,Q	28,29,31.2,32.2,Q	14,15,16,17,Q	X,Y	10,11,12,Q
	19,21,24,26			19,19.2,20,22.2,24.2,25,25.2,26.2,Q	6,9,9.3,Q	8,12,Q
	16,17,19,20,Q	10			2	
68CFCZ	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			2	
6BVLNF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	13,14,16	19,20,22	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6DJZB6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6EQB6M	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,19,20	10			2	
6EVKB2	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	[10]			[2]	
6G4VDC	Identifiler® Plus					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,[8],[9],9.3	8,12
	17,20					

TABLE 2

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

6JT6B6	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	10			2	
6PNTKB	GlobalFiler™					
	[13],[14],15,17.3	17,23,24	11	14,15,[18]	11,12	
3e	10,11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],24,26	-	-	20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]	-	-	2	
6QPZ94	Investigator® 24plex QS (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
6RJ7B	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
6YZPR3	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				
6Z86ZU	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
6ZQE6A	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,21,26	13,14	5,7		6,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

6ZT9J9	GlobalFiler™ (STRmix)					
	14,15,17.3	17,22,23,24	10,11	14,15	11,12	
3e	10,11	12,13,14	13,14,16	19,20	8,11,12,13	9,12
	14,15,16,17	12,13,14	29,31.2,32.2	15,16,17	X,X	11,12
	19,25,26			19,20,25.2,26.2	6,9.3	8,12
	17,19,20				2	
76M4HZ	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3, Q	17,22,23,24,Q	10,11,Q	13,14,15,18,Q	11,12,Q	
3e	10,11,Q	12,13,14,Q	13,14,15,16,Q	18,19,20,Q	10,11,12,13,Q	9,11,12,Q
	14,15,16,17,Q	12,13,14,15,Q	29,31.2,32.2,Q	14,15,16,17,Q	X,Y	11,12,Q
	18,19,21,24,25,26,Q			19,20,22.2,24.2,25.2, Q	6,9,9.3,Q	8,12,Q
	16,17,19,20,Q					
7BQ9UR	PowerPlex® Fusion5C (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7,[12]		6,9.3	8,12
	17,20					
7EU924	GlobalFiler™					
	15,17.3	23,24	11	14,15,[18]	[11],12	
3e	[10],11	13,14	13,14,16	19,20	[8],11,13	[9,12]
	15,17	12,14,[15]	29,[32.2]	15,16,[17]	X	11,12
	19,[24],26			20,[22.2],25.2	6,[8,9],9.3	[8,12]
	17,[20]	-			2	
7H76GD	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7HN268	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,26			20,22.2,25.2	6,9.3	8,12
	17,20				2	

TABLE 2

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

7HUCXX	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,11,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10	19	16		
7J7W2Z	GlobalFiler™					
	14,15,17.3	[17],23,24	11	14,15,[18]	12	
3e	10,11,[13]	13,14	13,14,16	19,20,[22]	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
7J8VXU	PowerPlex® Fusion 6C					
	[13],[14],15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X	11,12
	19,[21],[24],26	[8],[11],13,14	5,7	20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]		[16]		
7KRVJ4	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	[10]			2	
7LP7HR	PowerPlex® Fusion (TrueAllele)					
	[13],[14],15,17.3	23,24	11	14,15	[11],12	
3e	[10],11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26	13,14	5,7		6,[8],9.3	8,12
	17,20					
7PPDZ4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	[11],12,12	
3e	11,11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20					
7QKQR3	GlobalFiler™					
	14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2	6,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

7U39PE	GlobalFiler™ (STRMix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,[24],26			20,25.2	6,[9],9.3	8,12
	17,20					
7VEQ9J	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
7YZJ78	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
82DUBM	Investigator® 24plex					
	[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	[10]				
839UF9	PowerPlex® Fusion					
	[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26	13,14	5,7		6,9.3	8,12
	17,20					
86DZRE	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,22.2,25.2	6,9.3	8,12
	17,20				2	
87AJP9	PowerPlex® Fusion 6C					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		

TABLE 2

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

Item 3e - STR Results

8BBAM2	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
8DBVQC	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
8EN9K2	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
8GVF4T	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	-
3e	11,11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,X	11,12
	19,[21],26	-	-	20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20	-	-	-	-	
8JDRNQ	PowerPlex® Fusion (TrueAllele)					
	[14],15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8KAALL	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15	12	
3e	11,[13]	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26	[8],[11],13,14	5,7,[12]		6,9.3	8,12
	17,20					
8L7G9X	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,22,23,24	10,11	13,14,15,18	10,11,12	
3e	10,11,13	12,13,14	12,13,14,15,16	18,19,20,22,Q	8,11,13	9,11,12,Q
	14,15,16,17,21,Q	11,12,13,14,15,Q	28,29,31.2,32.2,Q	14,15,16,17	X,Y	6,10,11,12,Q
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12,Q
	16,17,19,20,Q	10			2	

TABLE 2

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

8L8LFT	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,Y	11,12
	19,[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
8MEQ6B	PowerPlex® Fusion 6C					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,9,9.3	8,12
	17,20	10	19			
8Q2FG2	Investigator® 24plex QS (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
8QJ8QL	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,25.2	6,8,9,3	8,12
	17,20	10			2	
8QRCD4	GlobalFiler™, Verifiler (GeneMapper ID-X Software v1.5)					
	15,17.3	23,24	11	14,15	12	13,18
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8XZUCB	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
92DYJ4	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

962GU3	GlobalFiler™					
	[13],14,15,17.3	17,23,24	11	14,15,[18]	11,12	
3e	10,11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],24,26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			-	
98EFQ4	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],24,26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
98HTKR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20,[22]	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			2	
9DM79W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9E28B4	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	10,11,[13]	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
9EFP23	GlobalFiler™					
	13,14,15,17.3	23,24	11,11	14,15	11,12	
3e	11,11	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,X	11,12
	19,26			20,22.2,25.2	6,9.3	8,12
	17,20					
9EYDJX	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

9EZZNW	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
9H3FDT	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
9HZ77N	PowerPlex® Fusion (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
9JV4XA	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,[21,24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	10			-	
9L3GL3	PowerPlex® Fusion 6C					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	11,13,14	5,7,12	20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				
9M96LZ	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,[18]	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,[15]	29,32.2	15,16,17	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],9,9.3	8,12
	17,20	[10]			2	
9MXZN4	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,3	8,12
	17,20	10			2	

TABLE 2

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

9NLEWL	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
9QCGYT	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
9R9EA4	Investigator® 24plex					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9RQY3Y	PowerPlex® Fusion 6C (STRMIX)					
	13,14,15,17.3	22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,13,14	5,7	19,20,22.2,24.2,25.2	6,8,9.3	8,11,12
	16,17,19,20			16		
9UR4HZ	GlobalFiler™ (STRmix v2.4)					
	13,14,15,17.3	17,22,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	15,16,17,21	12,13,14,15	28,29,31.2,32.2	15,16,17	X,Y	10,11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10			2	
9UWKGY	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	10			2	
9VQBXY	PowerPlex® Fusion 6C (STRmix)					
	14,15,16.3,17.3	22,23,24	10,11	13,14,15,18	11,12	
3e	10,11	12,13,14	13,14,15,16	18,19,20	8,10,11,12,13	9,11,12
	14,15,16,17	12,13,14	28,29,31.2,32.2	14,15,16	X	10,11,12
	19,25,26	11,13,14	5,7	19,20,24.2,25.2	6,9.3	8,12
	16,17,19,20					

TABLE 2

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

9WJ882	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
9ZXABY	Identifiler®					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
A2RURH	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	N/A
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	XX,[Y]	11,12
	19,[21],[24],26	N/A	N/A	20,[22.2],25.2	[6],[8],[9.3]	8,12
	17,20	N/A	N/A	N/A	N/A	
A4GEC8	Identifiler® Plus					
		17,23,24		14,15,18	12	
3e	11	13,14			8,11,13	9,12
	15,17	12,14,15	29,32.2		X	11,12
	19,26				6,8,9,9.3	8,12
	17,20					
A4RPTQ	GlobalFiler™ (STRmix v2.4.06)					
	13,15,17.3	17,22,23,24	10,11	13,14,15,18	11,12	-
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	-	-	20,22.2,25.2	5,6,8,8.3,9.3	7,8,11,12
	16,17,19,20	-	-	-	2	
A7378V	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
A7JKY9	GlobalFiler™ (STRmix)					
	13,15,17.3	17,22,23,24	11,12	14,15,18	11,12	NT
3e	10,11,13	13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,20,21	12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	NT	NT	20,22.2,25.2,26.2	6,8,9,9.3	7,8,11,12
	16,17,18,19,20,21	10	NT	NT	2	

TABLE 2

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

Item 3e - STR Results

A8XJZP	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	nd			[2]	
AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NM				
AAJDMH	GlobalFiler™ (STRmix)					
	15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,X	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20					
AAZLLK	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[9],9.3	8,12
	17,20	[10]				
ABTA72	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26			20,25.2	6,[8],[9],9.3	8,12
	17,20	ND			[2]	
ADLCXB	PowerPlex® Fusion 6C					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
AFN67M	GlobalFiler™					
	[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20				[2]	

TABLE 2

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

AG3NQK	Investigator® 24plex (STRmix)					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10				
AK6YX2	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	
AKLJVX	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
ALKRVV	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
AMTWG7	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,13,14	5,7		6,8,9,9.3	8,12
	17,20	10				
APDPCL	PowerPlex® Fusion					
	15,17.3	[17],23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26	[8],13,14	5,7,[12]		6,[8],9.3	8,12
	17,20					
AZF6Y6	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

B8RGW3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
BAFZTU	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	[10]			2	
BDLKU2	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,25.2,26.2	6,8,9,9.3	8,12
	17,20			16		
BFPA7H	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
BGV2QH	GlobalFiler™					
	15,17.3	23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20				2	
BKET47	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
BNFYKX	GlobalFiler™					
	13,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

BPZG78	Identifiler® Plus					
		17,23,24		14,15,18	12	
3e	11	13,14			8,11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,8,9.3	8,12
	17,20					
BQ9UCZ	GlobalFiler™					
	[13,14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	13,14,16	19,20,[22]	11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,25.2,[26.2]	6,[8,9],9.3	8,12
	17,20	-			2	
BTBUCW	Investigator® 24plex QS (STRmix)					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10				
BTVE7H	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
BVWDLG	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,22.2,25.2	6,8,9.3	8,12
	17,20				2	
BX8G97	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
BYZ986	GlobalFiler™ (Strmix)					
	13,15,17.3	17,23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20					

TABLE 2

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

BZYB8V	GlobalFiler™ (STRmix)					
	15,17.3	17,23,24	11,11	14,15,18	12,12	
3e	11,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,X	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			NR	
C6MH6U	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-				
CJQJ36	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
CKW6FJ	PowerPlex® Fusion					
	[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X	11,12
	19,[21],26	[8],13,14	5,7,[12]		6,[9],9.3	8,12
	17,20					
CM2KG3	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14,[15]	29,32.2		X,[Y]	11,12
	19,26				6,[8],9.3	8,12
	17,20					
CMPZFY	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
CMZZYM	GlobalFiler™					
	(13),15,17.3	(17),23,24	11	14,15,(18)	12	
3e	11,13	13,14	13,14,16	19,20	(8),11,13	9,12
	15,17,(21)	12,14,(15)	29,32.2	15,16,(17)	X,(Y)	11,12
	19,(24),26			20,(22.2),25.2	6,9.3	8,12
	17,20	(10)			(2)	

TABLE 2

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

CP6P73	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12,13	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,19.2,20,22.2,24.2,25,25.2,26.2	5,6,8,9,9.3	7,8,11,12
	16,17,19,20	10			2	
CPULZ7	Identifiler® Plus					
		17,23,24		14,15	12	
3e	11	13,14			8,11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
CRJYY	GlobalFiler™					
	15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X	11,12
	19,[21],26			20,25.2,[26.2]	6,9.3	8,12
	17,20	-			-	
CTCU9Q	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20				2	
CU36XX	PowerPlex® Fusion					
	[13],15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,Y	11,12
	19,[24],26	13,14	5,7		6,[8],9.3	8,12
	17,20	10				
CUDH6M	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CWAGGK	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20				[2]	

TABLE 2

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

CYK9Y3	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,19.2,20,22.2,24.2,25,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10			2	
CZ9XRU	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
D2FDZK	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
D47R9V	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
D66M3Y	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X	11,12
	19,21,24,26			20,25.2,26.2	6,9.3	8,12
	17,20					
DATXRH	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	-	-	-		
DCYRXV	GlobalFiler™ (STRmix 2.4.06)					
	13,15,17.3	17,22,23,24	10,11	13,14,15,18	11,12,13	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,25,26			20,22.2,25.2,26.2	6,8,9,9.3	7,8,11,12
	16,17,19,20	no result			2	

TABLE 2

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

DDBLL9	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9.3	8,12
	17,20	10			2	
DE6EBZ	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20	8,10,11,12,13	9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,20,22.2,24.2,25.2,26.2	6,9,9.3	8,11,12
	16,17,19,20	10			2	
DJKNW6	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			2	
DKANQN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
DLHXGZ	Identifiler® Plus					
		23,24		14,15	[11],12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,[8],9.3	8,12
	17,20					
DMK7QQ	GlobalFiler™					
	[13,14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	[10],11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[8,9],9.3	8,12
	17,20	[10]			[2]	
DMU6TL	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

DPH9CZ	Identifiler® Plus					
		23,24		14,15	[11],12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,[Y]	11,12
	19,26				6,9.3	8,12
	17,20					
DT69PF	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
DVEAYT	Investigator® 24plex QS (STRmix v2.6.3 (sperm fraction only))					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
DXCE9L	PowerPlex® Fusion (STRmix)					
	15,17.3	17,23,24	11	14,15	12	
3e	11,12,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7		6,9,9.3	8,12
	17,20	INC				
DY8AZH	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
DZ4MPV	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]]	11,12	
3e	11,[13]	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	[10]			[2]	
DZAWU3	PowerPlex® Fusion 6C					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26	[8],13,14	5,7	20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]		[16]		

TABLE 2

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

Item 3e - STR Results

E4ZJV2	PowerPlex® Fusion					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
E8V6A6	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	NR			2	
EDF9XV	PowerPlex® 21 (STRmix)					
	13,14,15,17.3	17,23,24		14,15,18	11,12	12,13,18
3e	10,11,13	13,14		19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
EE2JDU	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
EFWQT7	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20				[2]	
EFZ79R	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20				[2]	
EGJYL2	Identifiler® Plus					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

EHFRQD	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20			2		
EHJHMN	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	12	
	11,[13]	13,14	14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[24],26			20,25.2	6,9.3	8,12
	17,20					
EJDRGK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM		NM		
EL3JN2	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20			[2]		
ELYD8M	GlobalFiler™ (STRmix v2.4)					
	13,15,17.3	17,23,24	11,11	14,15,18	11,12	
	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10		2		
ERBPMU	Identifiler® Plus					
		23,24		14,15	11,12	
	11,11	13,14			[8],11,13	9,12
	15,17	12,14,[15]	29,32.2		X,X	11,12
	19,26				6,[9],9.3	8,12
	17,20					
ERUJ9N	GlobalFiler™					
	[13,14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[8,9],9.3	8,12
	17,20			2		

TABLE 2

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

ETKUWW	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,21,26			20,25.2	6,9.3	8,12
	17,20	10				
EXVRHX	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	[10]			2	
EY8KG7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
EYUYXW	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,[8,9],9.3	8,12
	17,20	-			2	
EZ29Z2	PowerPlex® Fusion 5C					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20,22	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,13,14	5,7		6,8,9.3	8,12
	17,20					
EZYCYP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F2FW3U	Identifiler® Plus					
		(17),23,24		14,15,(18)	(11),12	
3e	11,(13)	13,14			(8),11,13	9,12
	15,17,(21)	12,14,(15)	29,32.2		X,(Y)	11,12
	19,(21),(24),26				6,(8),(9),9.3	8,12
	17,20					

TABLE 2

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

F39V2D	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2	6,9,9.3	8,12
	17,20	NR			NR	
F6Q8MV	GlobalFiler™					
	13,15,17.3	23,24	11,11	14,15,18	11,12	
3e	11,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
F8XMZT	GlobalFiler™					
	15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X	11,12
	19,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20					
F9EMCV	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,21,24,26	13,14	5,7,12	20,25.2	6,8,9,9.3	8,12
	17,20					
FF9R8R	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
FFTKPG	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20				[2]	
FHY6F3	PowerPlex® Fusion 6C					
	13,14,15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,21,26	13,14	5,7,12	20,22.2,25.2,26.2	6,9,9.3	8,12
	17,20					

TABLE 2

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

FJ97KA	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	N/A
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26	N/A	N/A	20,[22.2],25.2	[6],[8],[9.3]	8,12
	17,20	N/A	N/A	N/A	N/A	
FJATBV	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				
FNJ9KJ	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15	[11],12	
3e	11,11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20	NR			2	
FPGV7J	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FWCKER	GlobalFiler™					
	15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,X	11,12
	19,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	10				
FWZRTQ	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	10			2	
FXW7JP	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3, Q	22,23,24,Q	10,11,Q	13,14,15,Q	11,12,Q	
3e	10,11,Q	12,13,14,Q	13,14,15,16,Q	18,19,20,22,Q	8,10,11,12,13,Q	9,11,12,Q
	14,15,16,17,Q	12,13,14,Q	28,29,31.2,32.2,Q	14,15,16,17,Q	X	10,11,12,Q
	18,19,25,26,Q			19,19.2,20,24.2,25.2, 26.2,Q	6,9.3,Q	8,12,Q
	16,17,19,20,Q					

TABLE 2

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

FYHY47	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20					
G2L4BY	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
G68PGT	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
G8AJ7X	PowerPlex® Fusion					
	13,15,17.3	23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	11,13,14	5,7,12		6,8,9.3	8,12
	17,20					
G8MF6B	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,9.3	8,12
	17,20	10			2	
GBAPMP	GlobalFiler™ (STRmix (epithelial fraction only))					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9,9.3	8,12
	17,20	10				
GDFFPX	PowerPlex® Fusion 5C					
	13,15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	8,13,14	5,7		6,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

GG6PTX	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,23,24	10,11	14,15,18	11,12	
3e	10,11	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	9,12
	15,16,17	12,14,15	28,29,32.2	14,15,16,17	X,Y	11,12
	19,21,24,25,26			19,20,24.2,25.2,26.2	6,8,9.3	8,12
	17,19,20					
GHD766	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15	12	
3e	11,13	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	NR			2	
GJM2FF	GlobalFiler™					
	[14],15,17.3	23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,26			20,[22.2],25.2	6,9.3	8,12
	17,20				[2]	
GJRCHE	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[24],26			20,25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
GP9DGJ	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
GQDZKW	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,24,26	8,13,14	5,7,12	20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				
GQQWLV	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	10			2	

TABLE 2

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

GRFQ3Q	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
GTTQ9E	PowerPlex® Fusion					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26	13,14	5,7,[12]		6,9.3	8,12
	17,20					
GVVNL	GlobalFiler™ (STRmix 2.6.3)					
	[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8,10],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20					
GYJ6BT	GlobalFiler™ (STRmix)					
	14,15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,25.2,26.2	6,9,9.3	8,12
	17,20	10				
GZB48D	PowerPlex® Fusion					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
H8Q76R	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	10,11,13	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,21	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,21,24,26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
HB442T	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,Y	11,12
	19,[21],24,26			20,[22.2],25.2	6,8,[9],9.3	8,12
	17,20	[10]			2	

TABLE 2

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

HCHJJ2	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7,12	20,22.2,25.2,26.2	6,9.3	8,12
	17,20					
HE4FXT	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
HHMZVP	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15	11,12	
3e	10,11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9,9.3	8,12
	17,20				2	
HJX6KR	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
HRDTGE	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
HX8MRM	GlobalFiler™ (STRMIX)					
	13,14,15,16.3,17.3, Q	17,22,23,24,Q	10,11,Q	13,14,15,18,Q	11,12,Q	
3e	10,11,13,Q	12,13,14,Q	13,14,15,16,Q	18,19,20,22,Q	8,11,12,13,Q	8,9,11,12,Q
	14,15,16,17,21,Q	11,12,13,14,15,Q	28,29,31.2,32.2,Q	14,15,16,17,Q	X,Y	10,11,12,Q
	18,19,21,24,25,26,Q			19,19.2,20,22.2,24.2, 25,25.2,26.2,Q	6,9,9.3,Q	8,11,12,Q
	16,17,19,20,Q				2	
J4MQYN	GlobalFiler™					
	[13],14,15,17.3	23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

J7TCKT	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
J7U22J	GlobalFiler™					
	[12**] [13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
J82TYL	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
JC3D3Q	GlobalFiler™					
	14,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
JCYZAM	PowerPlex® Fusion 5C					
	14,15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
JF73MY	Identifiler® Plus					
		23,24		14,15,18	12	
3e	11,13	13,14			8,11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,8,9,9.3	8,12
	17,20					
JGVDKR	GlobalFiler™					
	[15],[17.3]	23,[24]	11	14,15	[11],12	
3e	11	13,14	14,16	[19],[20]	11,13	[9],[12]
	15,[17]	12,14,[15]	[29],32.2	[15],16	X	[11],12
	19,[24],26			20,25.2	6,9.3	[8],[12]
	[17],[20]	-			-	

TABLE 2

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

JJG78U	PowerPlex® Fusion 6C					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
JMV2PC	Identifiler® Plus					
		23,24		14,15,(18)	12,12	
3e	11,11	13,14			(8),11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,(9),9.3	8,12
	17,20					
JQJB8Q	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
JRW3XM	GlobalFiler™					
	[13,14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[8,9],9.3	8,12
	17,20	[10]			[2]	
JUCNDM	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,18	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	10			2	
JUZMY2	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
JVA8TQ	PowerPlex® 5C					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				

TABLE 2

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

Item 3e - STR Results

JW6BEQ	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20					
JXGLZW	PowerPlex® Fusion					
	[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26	[11],13,14	5,7,[12]		6,8,9.3	8,12
	17,20					
JZ9WDP	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18],[--]	[11],12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22],[--]	[8],11,13,[--]	9,12
	15,17,[21],[--]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12,[--]
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	No Results			[2]	
K4F6TJ	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
K6VB9A	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
K9Q9C7	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20	10			2	
K9RGQF	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

KA7D9J	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],24,26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
KAW7JX	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
KCWHVP	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20				2	
KDM4PV	Identifiler® Plus					
		23,24		14,15	[11],12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
KDWEPT	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	23,24	11	14,15	12	
3e	11,13	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,24,26	13,14	5,7,12	20,25.2	6,8,9,9.3	8,12
	17,20	10		16		
KFFKW3	GlobalFiler™					
	14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	10				
KH38JN	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

KHCF8P	GlobalFiler™					
	[13],14,15,17.3	23,24	11	14,15,[18]	11,12	
	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]		[2]		
KJFL6D	GlobalFiler™					
	15,17.3	23,24	11	14,15,[18]	[11],12	
	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]		[2]		
KL3HAW	GlobalFiler™					
	[13,14],15,17.3	23,24	11	14,15,[18]	12	
	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26			20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20	10		2		
KNLPKD	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	11,11	14,15,18	12,12	
	11,13	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9.3	8,12
	17,20					
KPGKEW	Identifiler® Plus					
		23,24		14,15	[11],12	
	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
KQDDCL	GlobalFiler™					
	15,17.3	23,24	11	14,15	11,12	
	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X	11,12
	19,24,26			20,25.2	6,9.3	8,12
	17,20	10		2		
KQTMEU	PowerPlex® Fusion					
	13,15,17.3	17,23,24	11	14,15,18	12	
	11	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,24,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

KRRZPU	GlobalFiler™					
	[13],14,15,17.3	17,23,24	11	14,15,[18]	11,12	
3e	10,11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
KUR8XK	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,Y	11,12
	19,[21],[24],26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	[10]			2	
L6A3QH	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20	8,10,11,12,13	9,11,12
	14,15,16,17,21	12,13,14	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	17,19,20	10		16		
LA4WW7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15,18	11,12	
3e	10,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,X	11,12
	19,21,24,26			20,22.2,25.2	6,9,9.3	8,12
	17,20					
LAZJ3H	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
LFBMYC	GlobalFiler™ (STRmix v2.5)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9,9.3	8,12
	17,20	10			2	
LM74GN	PowerPlex® Fusion 5C					
	15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				

TABLE 2

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

Item 3e - STR Results

LMUTUX	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LNHBQP	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
LQ8TQP	PowerPlex® Fusion 5C					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,24,26	8,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
LURBGM	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
LWGXVW	GlobalFiler™ (STRmix 2.8)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,19.2,20,22.2,24.2,25,25.2,26.2	6,8,9,9.3	8,12
	16,17,19,20	10			2	
LWZLB7	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[X],[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
LX763L	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			2	

TABLE 2

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

LXN9JY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LXTL7V	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[8],9.3	8,12
	17,20	NR			[2]	
LZfZV6	PowerPlex® Fusion5C					
	13,15,17.3	17,23,24	11,11	14,15,18	12,12	
3e	11,13	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	13,14	5,7		6,8,9,9.3	8,12
	17,20					
M29VXM	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
M2KAXM	PowerPlex® Fusion					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20,22	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,21,26	13,14	5,7		6,9.3	8,12
	17,20					
M49TVD	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MCARZA	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

MDG9VK	GlobalFiler™					
	15,17.3,[-]	23,24,[-]	11	14,15,[18]	12,[-]	
3e	11,[13],[-]	13,14	14,16,[-]	19,20,[-]	11,13,[-]	9,12
	15,17,[-]	12,14,[-]	29,32.2	15,16,[-]	X,[-]	11,12
	19,[21],26,[-]			20,25.2,[-]	6,9.3,[-]	8,12
	17,20	no results			no results	
MDYATU	PowerPlex® Fusion 6C					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
MFQ7JA	GlobalFiler™					
	[13],[14],15,17.3	23,24	11,11	14,15	[11],12	
3e	11,11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,9.3	8,12
	17,20	10			2	
MGWX3A	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MGZBWX	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20					
MJ64NB	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
MJMWG9	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20	-			2	

TABLE 2

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

MKY29Y	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			NR	
MM3YEK						
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	F,F			F,F	
MQNXB9	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
MXA4NM	PowerPlex® 21					
	14,15,17.3	23,24		14,15,18	11,12	12,13,18
3e	10,11	13,14		19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2		X,Y	11,12
	19,21,26	13,14	5,7		6,8,9.3	8,12
	17,20					
MY34M7	GlobalFiler™					
	15,17.3	23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,25.2,26.2	6,9,9.3	8,12
	17,20				2	
MYHECY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
MYWMJD	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	10			2	

TABLE 2

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

MZEFR3	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,8,9.3	8,12
	17,20					
MZUZDL	Investigator® 24plex QS (STRmix 2.6.3)					
	13,14,15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,22.2,25.2,26.2	6,8,9.3	8,12
	17,20	10				
N2VHFL	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	11,12	ND
3e	10,11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,Y	11,12
	19,[21],[24],26	ND	ND	20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]	ND	ND	[2]	
N86UJE	GlobalFiler™					
	15,17.3	17,23,24	11	14,15,18	12	
3e	10,11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,21,24,26			20,25.2	6,9.3	8,12
	17,20					
NAU6A8	PowerPlex® Fusion					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				
NC9ALC	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
NDDZEK	GlobalFiler™					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

NFYM6L	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			2	
NGD8XW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NHXRYM	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15	12	
3e	11,[13]	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			[2]	
NJHUE8	Investigator® 24plex (STRmix)					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X	11,12
	19,26			20,25.2,[26.2]	6,9.3	8,12
	17,20					
NKE6DV	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10	19	16		
NMXYRQ	Identifiler® Plus (GeneMapper® ID-X)					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NQ2ZAT	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		

TABLE 2

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

Item 3e - STR Results

NQ6HCX	GlobalFiler™					
	15,17.3	17,23,24	11,11	14,15	11,12	
3e	11,11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NQNAFG	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	12,13,14	13,14,15,16	18,19,20,22	8,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,11,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10	19	16		
NTCQPP	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	10			2	
NVQA3L	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
NVYGN9	Identifiler® Plus					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NW67GJ	GlobalFiler™					
	13,15,17.3	[17],23,24	11	14,15,18	11,12	
3e	11,[13]	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
NWTALR	Identifiler® Plus					
		17,23,24		14,15	12	
3e	11	13,14			8,11,13	9,12
	15,17,21	12,14	29,32.2		X	11,12
	19,26				6,8,9,9.3	8,12
	17,20					

TABLE 2

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

NYBKB4	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
NZPV8N	GlobalFiler™					
	13,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
P22WXG	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11,11	14,15,18	12,12	
3e	11,11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,15	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[8,9],9.3	8,12
	17,20	10			2	
P2FC3G	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
P6UA9J	GlobalFiler™					
	14,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
PB3LBB	Investigator® 24plex QS					
	[13],15,17.3	23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	NR				
PJ3QJU	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X	11,12
	19,24,26	8,13,14	5,7	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

PJGBB6	GlobalFiler™					
	13,15,17.3	23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,26			20,25.2,26.2	6,9.3	8,12
	17,20	10			2	
PKCQPM	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	10				
PMK48N	GlobalFiler™					
	[14],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	-			-	
PMV27D	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	ND
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,[21],[24],26	ND	ND	20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	ND	ND	ND	[2]	
PMYEZ2	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
PPYWPG	GlobalFiler™					
	(13),14,15,17.3	(17),23,24	11	14,15,(18)	11,12	
3e	11,(13)	13,14	13,14,16	19,20,(22)	8,11,13	9,12
	15,17,(21)	12,14,(15)	29,32.2	15,16,(17)	X,(Y)	11,12
	19,(21),(24),26			20,(22.2),25.2	6,(8),(9),9.3	8,12
	17,20	(10)			(2)	
PTPQWJ	PowerPlex® Fusion					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11,13	13,14	14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,26	8,11,13,14	5,7,12		6,9.3	8,12
	17,20					

TABLE 2

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

PUDAUB	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
PYBURT	GlobalFiler™					
	[14],15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	10			2	
Q38VCL	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7	20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10	19	16		
Q4VXVA	Investigator® 24plex (STRMix)					
	[13],15,17.3	[17],23,24	11,11	14,15	12,12	
3e	11,[13]	13,14	14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,X	11,12
	19,[21],[24],26			20,25.2	6,[8],[9],9.3	8,12
	17,20	[10]				
Q4XVGK	GlobalFiler™					
	13,15,17.3	17,23,24	11,11	14,15,18	12,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,9,9.3	8,12
	17,20	10			2	
Q6GQA8	PowerPlex® Fusion 6C (STRmix)					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],13,14	5,7,[12]	20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10	19	16		
Q73QWG	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],26			20,25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

Q7PY7K	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,[15]	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,[22.2],25.2	6,8,[9],9.3	8,12
	17,20	10			2	
QD4XLH	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,9,9.3	8,12
	17,20					
QGT8WJ	PowerPlex® 21 (STRmix 2.7.0)					
	13,14,15,17.3	17,23,24		14,15,18	11,12	12,13,18
3e	10,11,13	13,14		19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
QHJD6G	GlobalFiler™					
	13,[14],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	[10],11,[13]	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,Y	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9,9.3	8,12
	17,20	[10]			2	
QLX9PL	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
QP4AHK	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
QT3NWL	GlobalFiler™ (STRmix)					
	13,14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,9.3	8,12
	17,20	10			2	

TABLE 2

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

QT4T3H	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
QTPYQN	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,Y	11,12
	19,[21],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	10			2	
QU9A8F	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15	11,12	
3e	11,[13]	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	ND			[2]	
QUDMZ4	GlobalFiler™					
	14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
QV78CN	Identifiler® Plus					
		[17],23,24		14,15,[18]	12	
3e	11	13,14			[8],11,13	9,12
	15,17	12,14,[15]	29,32.2		X,[Y]	11,12
	19,[24],26				6,[8],[9],9.3	8,12
	17,20					
QW4UDD	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,17.3	17,22,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,15,16	19,20,22	8,11,12,13	9,12
	15,16,17,21	12,13,14,15	29,32.2	14,15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
QW7JFP	PowerPlex® Fusion 6C					
	15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

QXH78C	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	10			2	
QZ63DG	Investigator® 24plex QS (STRmix)					
	13,15,17.3	23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
QZYAFN	Identifiler® Plus					
		23,24		14,15,[18]	[11],12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
R33R6N	PowerPlex® Fusion					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20,22	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,21,26	11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
R39ZHH	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
R7GYFN	Identifiler® Plus					
		[17],23,24		14,15,[18]	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,[Y]	11,12
	19,26				6,9.3	8,12
	17,20					
R7Z9J4	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

R8XL3P	PowerPlex® Fusion 6C					
	13,14,15,17.3	17,23,24	11,11	14,15,18	12,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		
RDKCPK	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
RJ2LGA	GlobalFiler™ (STRmix version 2.4.06)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
RJPMQ7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
RLWFRD	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,13	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,26			20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
RLWQ92	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,9.3	8,12
	17,20				[2]	
RMNTVG	GlobalFiler™					
	14,15,17.3	17,23,24	11,11	14,15,18	12,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20	10				

TABLE 2

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

Item 3e - STR Results

Item	Identifiler® Plus					
RNKGLM		23,24		14,15	12,12	
3e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,[8],9.3	8,12
	17,20					
RV67A9	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
RWYQ7F	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
RY4EJK	PowerPlex® Fusion 5C					
	14,15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,24,26	13,14	5,7,12		6,9.3	8,12
	17,20					
RZFMJR	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
T3HHM8	GlobalFiler™					
	14,15,17.3	17,23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	10			2	
T3K86B	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11	12,13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20			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 3e - STR Results

T47L7L	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,[8],9.3	8,12
	17,20					
T6269M	GlobalFiler™, Investigator® 24plex QS (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10				
T7622C	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	
T8E4RG	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
TDWD38	PowerPlex® Fusion (TrueAllele)					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	11,13	9,12
	15,[17],[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,21,[24],26	13,14	5,7		6,8,9,9.3	8,12
	17,[20]					
TEA6VN	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20	10				
TENNJR	PowerPlex® Fusion 6C					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10	19	16		

TABLE 2

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

Item 3e - STR Results

TEXANN	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
TFNNLD	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
3e	11,13	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,24,26	11,13,14	5,7		6,9.3	8,12
	17,20					
TGZC8X	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[X],[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
THT9U7	GlobalFiler™					
	[13],[14],15,17.3	23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[24],26			20,25.2	6,9.3	8,12
	17,20				2	
TK33NK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
TK6VE7	GlobalFiler™					
	15,17.3	23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
TL72F6	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

TPV262	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20					
TQ6F6F	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]			[2]	
TR2PH7	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	11	14,15	12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
TTYJDJ	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,26	8,13,14	5,7		6,9.3	8,12
	17,20					
U3DQKC	Identifiler® Plus					
		17,23,24		14,15,18	11,12	
3e	10,11,13	13,14			8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26				6,8,9,9.3	8,12
	17,20					
U4NWF	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
U6Y3AM	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20				2	

TABLE 2

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

U7F8XD	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,26			20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20				[2]	
U88BH8	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2,[26.2*] *]	6,[9],9.3	8,12
	17,20	NR			[2]	
U9K394	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15	12	
3e	11,[13]	13,14	14,16	19,20,[22]	11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
UAXM7J	GlobalFiler™					
	[13],14,15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	8,11,13	9,12
	15,17,21	12,14,[15]	29,32.2	15,16	X,Y	11,12
	19,[21,24],26			20,25.2,[26.2]	6,[9],9.3	8,12
	17,20	10			2	
UJ7WVX	GlobalFiler™ (STRmix)					
	14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9.3	8,12
	17,20	10			2	
UJYB3H	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
UKAYB2	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	

TABLE 2

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

UMLE63	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,9.3	8,12
	17,20	[10]			[2]	
UN9UW4	Identifiler® Plus, GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
UNTVYR	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
URZ6E4	PowerPlex® Fusion 6C (STRmix)					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]	20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10	19	16		
UTQF3B	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15**]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
UVU9YV	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
UW9NEG	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	10,11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	

TABLE 2

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

UYGTWC	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UYW9W7	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
V3XHVF	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10				
V42BC8	GlobalFiler™					
	13,14,15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,25.2	6,[8],[9],9.3	8,12
	17,20	[10]			2	
V6ZF79	PowerPlex® Fusion 6C (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	11	13,14,15,18	11,12,13	
3e	10,11,13	13,14	13,14,15,16	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	11,12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	19,21,24,26	8,11,13,14	5,7,12	19,20,22.2,24.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10	19	16		
V792V3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	-	-	-		
V92QFJ	Identifiler® Plus					
		23,24		14,15,[18]	12	
3e	11	13,14			11,13	9,12
	15,17	12,14,[15]	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

V9JC6L	PowerPlex® 21 (STRmix)					
	[13,14],15,17.3	[17],23,24		14,15,[18]	12,12	13,18,[12]
3e	11,11	13,14		19,20,[22]	11,13	9,12
	15,17,[21]	12,14	29,32.2		X,X,[Y]	11,12
	19,[21],26	[8],13,14	5,7		6,[8,9],9.3	8,12
	17,20					
VBN7MB	GlobalFiler™					
	[13,14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[8,9],9.3	8,12
	17,20	[10]			[2]	
VCFRX9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VDQV2D	GlobalFiler™					
	15,17.3	17,23,24	11	14,15	12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9,9.3	8,12
	17,20					
VENC89	GlobalFiler™ (STRMix)					
	13,14,15,16.3,17.3	17,22,23,24,Q	10,11,Q	13,14,15,18,Q	11,12,Q	
3e	10,11,13,Q	12,13,14,Q	13,14,15,16,Q	18,19,20,22,Q	8,10,11,12,13,Q	8,9,11,12,Q
	14,15,16,17,21,Q	11,12,13,14,15,Q	28,29,31.2,32.2,Q	14,15,16,17,Q	X,Y	10,11,12,Q
	18,19,21,24,25,26,Q			19,19.2,20,22.2,24.2,25,25.2,26.2,Q	6,8,9,9.3,Q	8,11,12,Q
	16,17,19,20,Q	10			2	
VJZ3PW	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			2	
VK89MD	PowerPlex® Fusion					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26	[8],[11],13,14	5,7,[12]		6,[8],[9],9.3	8,12
	17,20	[10]				

TABLE 2

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

Item 3e - STR Results

VMYPXR	GlobalFiler™ (STRmix (stutter filters used))					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20	10			2	
VMZAY9	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11	13,14	14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,17	X,[Y]	11,12
	19,[24],26			20,[22.2],25.2	6,[9],9.3	8,12
	17,20	[10]			[2]	
VPAFDM	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,25.2	6,9.3	8,12
	17,20	10			2	
VWZMQF	Identifiler® Plus					
		[17],23,24		14,15	[11],12	
3e	11	13,14			[8],11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
VXKHYN	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	NR			2	
VXZZKG	GlobalFiler™					
	13,14,15,17.3	23,24	11,11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
VYB8YP	GlobalFiler™ (STRmix)					
	15,17.3	17,23,24	11	14,15,18	12	NT
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	NT	NT	20,22.2,25.2	6,9,9.3	8,12
	17,20	NR	NT	NT	NR	

TABLE 2

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

Item 3e - STR Results

VZ63F8	GlobalFiler™ (STRmix v2.4)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
W2TJXY	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,9.3	8,12
	17,20	10			2	
W3PPM7	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	10,11,13	10,13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9,9.3	8,12
	17,20	NR			2	
W4469J	PowerPlex® Fusion 6C					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[24],26	[8],13,14	5,7	20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]	[19]	[16]		
W4HT2Y	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20				2	
W6B7MK	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,22,23,24	10,11	13,14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,10,11,12,13	8,9,11,12
	15,16,17,21	12,13,14,15	29,31.2,32.2	15,16,17	X,Y	10,11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,11,12
	16,17,19,20	10			2	
W8362J	Identifiler® Plus					
		23,24		14,15	[11],12	
3e	11	13,14			[8],11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

W9BUBZ	GlobalFiler™					
	13,14,15,17.3	23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20				2	
W9YURC	GlobalFiler™ (STRmix)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,X	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10			NR	
WD7N7F	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],9.3	8,12
	17,20	[10]			[2]	
WDAY9E	PowerPlex® Fusion					
	15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
WDMUAC	GlobalFiler™					
	13,15,17.3	17,23,24	11,11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16,17	X,Y	11,12
	19,24,26			20,22.2,25.2,26.2	6,8,9.3	8,12
	17,20				2	
WE2BU6	GlobalFiler™					
	[13],15,17.3	23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]				
WGNTQW	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

WJV8GB	GlobalFiler™					
	[13],[14],15,17.3	17,23,24	11	14,15,18	11,12	
3e	[10],11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,15	29,32.2	15,16,17	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
WKU3BE	PowerPlex® Fusion 6C (STRmix)					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10		16		
WKU6ZJ	GlobalFiler™					
	13,15,17.3	23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			NR	
WN4J7W	GlobalFiler™					
	15,17.3	23,24	11	14,15	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14,15	29,32.2	15,16,17	X	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20					
WQC7VG	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14,[15]	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
WTZ4EM	PowerPlex® Fusion 6C					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12	20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10		16		
WXELRW	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20	10			2	

TABLE 2

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

WXY9G8	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	
WYPJ7E	GlobalFiler™					
	15,17.3	17,23,24	11	14,15,18	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X2M2LZ	GlobalFiler™					
3e						
X4EF8B	PowerPlex® Fusion					
	15,17.3	17,23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,Y	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	10				
X76RW9	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
X7PDPY	GlobalFiler™					
	15,17.3	[17],23,24	11	14,15,[18]	[11],12	
3e	11	13,14	14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[24],26			20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20	10			2	
X8TBPT	PowerPlex® Fusion 5C					
	13,14,15,17.3	17,23,24	11,11	14,15,18	11,12	-
3e	11,13	13,14	13,14,16	19,20,22	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26	13,14	5,7,12	-	6,8,9,9.3	8,12
	17,20	-	-	-	-	

TABLE 2

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

X8VURB	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	ND			[2]	
X8XLRR	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20				[2]	
XGKFX9	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
XGQW68	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],26			20,[22.2],25.2	6,[8],[9],9.3	8,12
	17,20	10				
XHUKDH	GlobalFiler™ (STRmix 2.4)					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
XJ8PZ2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
XJTRRG	GlobalFiler™ (STRmix)					
	13,14,15,16.3,17.3	17,22,23,24	10,11	13,14,15	11,12	
3e	10,11,13	12,13,14	13,14,15,16,17	18,19,20,22	8,10,11,12,13	8,9,11,12
	14,15,16,17,21	12,13,14,15	28,29,31.2,32.2	14,15,16,17	X,Y	10,11,12
	18,19,21,24,25,26			19,19.2,20,22.2,24.2 25,25.2,26.2	6,9,9.3	8,12
	16,17,19,20	10				

TABLE 2

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

Item 3e - STR Results

XKMFBC	GlobalFiler™					
	13,15,17.3	17,23,24	11	14,15,18	12	
	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,8,9,9.3	8,12
	17,20	10		2		
XKMKG9	GlobalFiler™					
	[13],15,17.3	[17],23,24	11,[12]	14,15,[18]	[11],12	
	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20	[10]		[2]		
XN4UNK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
	11	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,22.2,25.2	6,9.3	8,12
	17,20					
XXADUG	Identifiler® Plus					
		23,24		14,15	12,12	
	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
XXNA9E	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10		2		
XXTG3V	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[11],12,12	
	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]		[2]		
Y7F3XK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Y7HT7N	GlobalFiler™					
	15,17,3	23,24	11	14,15,18	11,12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,26			20,25.2	6,8,9.3	8,12
	17,20					
Y8FUJ8	GlobalFiler™					
	[13],15,17,3	[17],23,24	11	14,15,[18]	11,12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21,24],26			20,[22.2],25.2,[26.2]	6,[9],9.3	8,12
	17,20				2	
YBBCD8	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
YBUF3D	PowerPlex® Fusion					
	13,14,15,17,3	17,23,24	11	14,15,18	12	
3e	11,13	13,14	14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,26	13,14	5,7		6,8,9,9.3	8,12
	17,20	10				
YD4GCR	GlobalFiler™					
	[13],[14],15,17,3	[17],23,24	11,11	14,15,[18]	[11],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20				[2]	
YDXQ2G	GlobalFiler™ (STRmix)					
	13,14,15,17,3	23,24	11	14,15	11,12	
3e	11	13,14	14,16	19,20	8,11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YFLYVW	PowerPlex® Fusion					
	[13,14],15,17,3	[17],23,24	11	14,15,[18]	[11],12	
3e	11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21,24],26	[8,11],13,14	5,7,[12]		6,[8,9],9.3	8,12
	17,20	[10]				

TABLE 2

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

Item 3e - STR Results

YHNTUZ	PowerPlex® Fusion (TrueAllele)					
	[14],15,17.3	[17],23,24	11	14,15	[11],12	
3e	[10],11	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,[8],9.3	8,12
	17,20	-				
YKK4XF	PowerPlex® Fusion					
	14,15,17.3	23,24	11	14,15	12	
3e	11,13	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,21,26	8,13,14	5,7		6,9.3	8,12
	17,20					
YLN4PZ	PowerPlex® Fusion (TrueAllele)					
	[14],15,17.3	[17],23,24	11	14,15	[11],12	
3e	11	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,[Y]	11,12
	19,26	13,14	5,7		6,[9],9.3	8,12
	17,20					
YM47W9	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17,[21]	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],9.3	8,12
	17,20	[10]			[2]	
YMMGK3	GlobalFiler™ (STRmix)					
	15,17.3	17,23,24	11	14,15,18	11,12	
3e	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			NR	
YN2BQA	GlobalFiler™ (STRmix)					
	13,15,17.3	17,23,24	11,11	14,15,18	11,12	
3e	11,11	13,14	13,14,16	19,20	8,11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
YNMVD9	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15	[11],12	
3e	[10],11,[13]	13,14	[13],14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[8],9.3	8,12
	17,20				[2]	

TABLE 2

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

YQAGY4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YRF4C9	PowerPlex® Fusion					
	13,15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17,21	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YWCQ7W	GlobalFiler™					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3e	11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,22.2,25.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
YWG29V	GlobalFiler™					
	13,15,17.3	23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20	8,11,13	9,12
	15,17	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,22.2,25.2	6,9.3	8,12
	17,20	10				
YYJ277	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YZACVE	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
3e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Z2LGWA	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15,[18]	11,12	
3e	11	13,14	13,14,16	19,20	[8],11,13	9,12
	15,17,[21]	12,14,[15]	29,32.2	15,16,[17]	X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	10			2	

TABLE 2

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

ZBAB97	GlobalFiler™					
	[13],15,17.3	[17],23,24	11	14,15	12	
3e	11,[13]	13,14	13,14,16	19,20,[22]	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,9.3	8,12
	17,20				2	
ZCLB8G	Investigator® 24plex QS					
	14,15,17.3	17,23,24	11	14,15	11,12	
3e	11,13	13,14	13,14,16	19,20	11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16	X,Y	11,12
	19,21,24,26			20,25.2,26.2	6,8,9.3	8,12
	17,20	10				
ZGYNCE	GlobalFiler™ (STRmix)					
	13,15,17.3	23,24	10,11	14,15	11,12	
3e	10,11	12,13,14	13,14,16	18,19,20,22	8,11,13	9,12
	14,15,16,17,21	12,13,14	29,32.2	15,16,17	X,Y	11,12
	18,19,21,25,26			19,20,22.2,24.2,25.2,26.2	6,8,9.3	8,12
	17,20	10			2	
ZQJYGZ	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11,11	14,15,[18]	[10],12,12	
3e	11,11,[13]	13,14	[13],14,16	19,20	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,X,[Y]	11,12
	19,[21],[24],26			20,[22.2],25.2,[26.2]	6,[8],[9],9.3	8,12
	17,20	[10]			[2]	
ZRJYL7	GlobalFiler™					
	[14],15,17.3	[17],23,24	11	14,15,[18]	12	
3e	11	13,14	[13],14,16	19,20	[8],11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16,[17]	X	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[8],9.3	8,12
	17,20					
ZRVQB	GlobalFiler™					
	[13],[14],15,17.3	[17],23,24	11	14,15	12	
3e	11	13,14	[13],14,16	19,20,[22]	11,13	9,12
	15,17	12,14,[15]	29,32.2	15,16	X,[Y]	11,12
	19,[21],[24],26			20,25.2,[26.2]	6,[9],9.3	8,12
	17,20	10			2	
ZW7Z7R	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
3e	11	13,14	13,14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			20,25.2	6,8,9,9.3	8,12
	17,20					

TABLE 2

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

ZYCFMV	Identifiler® Plus					
		23,24		14,15	12,12	
3e	11,11,(13)	13,14			(8),11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,(8),9.3	8,12
	17,20					

ZYZNWF	Identifiler® Plus					
		23,24		14,15	12	
3e	11	13,14			8,11,13	9,12
	15,17	12,14,15	29,32.2		X	11,12
	19,26				6,9,9.3	8,12
	17,20					

TABLE 2

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

22FAJF	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
23DNU7	Identifiler® Plus, MiniFiler					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
247MRQ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
279FXH	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
28Z9F2	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
2BMBFZ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
2CVAQ9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

2DTKNW	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
2FUNDY	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
2J2WP4	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			20,22.2,26.2,27.2**	8,9	8
	17	10			2	
2KWNPG	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
2MEC2W	PowerPlex® 21					
	13,14	17,23		15,18	11,11	12,12
3sp	10,13	13,14		20,22	8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17					
2NNWW4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
2PQCFW	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

2QEMXW	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
2QGN2N	GlobalFiler™					
	13,14,[17.3]	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13,[16]	20,22	8,11	12,12
	15,[17],21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
2TPNDH	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
2VW24W	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
2XD82C	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
2YR3VC	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
32DHT7	PowerPlex® Fusion 6C (STRMix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

33PDDD	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
38VNAQ	PowerPlex® Fusion					
	13,14,15,17,3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
3BKPV7	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
3BYABA	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
3FCMZH	GlobalFiler™ (STRmix)					
	13,14,17,3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26			22.2,26.2	6,8,9,9.3	8,12
	17,20	10			2	
3FFMY4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3JBXVH	GlobalFiler™ (STRmix v2.4.06)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

3JQRHQ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3KNVF8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3KQQUC	GlobalFiler™ (STRmix)					
	12,13,14	16,17,22,23	10,11	14,15,17,18	10,11	
3sp	9,10,12,13	12,13,14	12,13	19,20,21,22	8,9,10,11	9,11,12
	14,15,20,21	14,15	28,29	14,15,16,17,18	X,Y	11,12
	20,21,23,24			21.2,22,22.2,25.2,26.2	8,9	8
	16,17,20	10			2	
3MBKWE	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
3PGZAC	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
3PJR6D	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
3PMGAB	GlobalFiler™					
	13,14,[15],[17.3]	17,23,24	11	15,18	11,[12]	
3sp	10,11,13	13,14	13	20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,17	X,Y	12
	[19],21,24,[26]			[20],22.2,26.2	[6],8,9,[9.3]	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

3TJ32D	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
3TYCRE	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
3VNZDA	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3VQDTV	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3WD26V	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
3WYNNE	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
44VK9V	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	12,14,15	29	15,17	X,Y	12
	19,21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

4AJHKP	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
4BFYV2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
4EE2VB	GlobalFiler™ (STRmix)					
	12,13,13.2,14	16,17,22,23,24	10,11,12	14,15,17,18	10,11,12	
3sp	9,10,12,13	12,13,14,15	12,13	19,20,21,22	7,8,10,11	11,12
	14,15,20,21,22	13,14,15	28,29,30	14,15,16,17,18	X,Y	11,12
	20,21,23,24			21.2,22.2,25.2,26.2	7,8,9,9.3	7,8
	16,17	9,10			2	
4EJMJ4	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,15	16,17,22,23	10,11	14,15,17,18	10,11,12	
3sp	9,10,11,12,13	12,13,14	12,13,16	19,20,21,22	7,8,10,11,13	9,11,12
	14,15,20,21	13,14,15	28,29,32.2	14,15,16,17,18	X,Y	11,12
	20,21,23,24,26	8,11,14	7,11,12	21.2,22.2,25.2,26.2	8,9	7,8
	16,17	10	19	16		
4FP9UW	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
4LHHGW	PowerPlex® Fusion (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	INC				
4N6MZ9	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

4TDF6Z	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
4TTCEQ	PowerPlex® Fusion 5C					
	13,14,15,17,3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
4UB6QM	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11,[13]	12,12
	15,21	[12],14,15	29,29,[32.2]	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
4UU6G6	GlobalFiler™ (STRmix 2.4)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
4VL9Z6	Investigator® 24plex QS					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
4VMZY8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
4WCJNC	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	19,21,24	8,11	5,7,12		8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

4WL6T9	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
68CFCZ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
6BVLNF	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
6DJZB6	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
6EQB6M	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	12,14,15	29	15,16,17	X,Y	12
	21,24			22.2,26.2	6,8,9,9.3	8
	17	10			2	
6EVKB2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	[19],21,24			22.2,26.2	8,9	8
	17	10			2	
6G4VDC	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

6JT6B6	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
6PNTKB	GlobalFiler™					
	13,14,15,17.3	17,23	11	15,18	11	
3sp	10,[11],13	13,14	13,14,[16]	19,20,22	8,11,[13]	[9],12
	15,21	[12],14,15	29	15,17	X,Y	11,12
	[19],21,24,26	-	-	[20],22.2,26.2	[6],8,9,[9.3]	8
	17,[20]	10	-	-	2	
6QPZ94	Investigator® 24plex QS (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
6RJ7B	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
6YZPR3	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
6Z86ZU	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
6ZQE6A	PowerPlex® Fusion					
	13,14,17.3	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	9,12
	15,21	14,15	29,32.2	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

6ZT9J9	GlobalFiler™ (STRmix)					
	12,13,14,15,17.3	16,17,22,23,24	10,11,12	14,15,17,18	10,11,12	
3sp	9,10,11,12,13	12,13,14,15	12,13	19,20,21,22	7,8,10,11	9,11,12,13
	14,15,20,21	12,13,14,15	28,29,30,32.2	14,15,16,17,18	X,Y	11,12
	19,20,21,22,23,24			21.2,22,22.2,25.2,26,26.2,27.2	6,7,8,9	7,8,12
	16,17,18,20	9,10			2	
76M4HZ	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7BQ9UR	PowerPlex® Fusion5C (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
7EU924	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7H76GD	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
7HN268	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7HUCXX	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

7J7W2Z	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7J8VXU	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
7KRVJ4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
7LP7HR	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
7PPDZ4	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7QKQR3	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
7U39PE	GlobalFiler™ (STRMix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

7VEQ9J	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
7YZJ78	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
82DUBM	Investigator® 24plex					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
839UF9	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
86DZRE	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
87AJP9	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
8BBAM2	Identifiler® Plus, MiniFiler					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

8DBVQC	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
8EN9K2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
8GVF4T	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	-
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	-	-	22.2,26.2	8,9	8,8
	17,17	10	-	-	2	
8JDRNQ	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
8KAALL	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
8L7G9X	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
8L8LFT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

8MEQ6B	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
8Q2FG2	Investigator® 24plex QS (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
8QJ8QL	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
8QRCD4	GlobalFiler™, Verifiler (GeneMapper ID-X Software v1.5)					
	13,14	17,23	11	15,18	11	12
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10			2	
8XZUCB	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
92DYJ4	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
962GU3	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

98EFQ4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
98HTKR	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9DM79W	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
9E28B4	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9EFP23	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9EYDJX	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
9EZZNW	Identifiler® Plus					
		17,23		15,18	11	
3sp	10,13	13,14			8,11	12
	15,21	14,15	29		X,Y	12
	21,24				8,9	8
	17					

TABLE 2

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

9H3FDT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24,[26]			22.2,26.2	8,9	8
	17	10			2	
9HZ77N	PowerPlex® Fusion (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	INC				
9JV4XA	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9L3GL3	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
9M96LZ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
9MXZN4	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
9NLEWL	PowerPlex® Fusion					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13],[14]	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	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 3sp - STR Results

9QCGYT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
9R9EA4	Investigator® 24plex					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10				
9RQY3Y	PowerPlex® Fusion 6C (STRMIX)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
9UR4HZ	GlobalFiler™ (STRmix v2.4)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9UWKGY	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
9VQBXY	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
9WJ882	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

9ZXABY	Identifiler®					
		17,23		[14],15,18	11	
3sp	10,13	13,14			8,11	12
	15,21	14,15	29		X,Y	12
	21,24				8,9	8
	17					
A2RURH	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	N/A
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	N/A	N/A	22.2,26.2	8,9	8,8
	17,17	10	N/A	N/A	2	
A4GEC8	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
A4RPTQ	GlobalFiler™ (STRmix v2.4.06)					
	13,14	17,23	11,11	15,18	11,11	-
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	-	-	22.2,26.2	8,9	8,8
	17,17	10	-	-	2	
A7378V	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29,29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
A7JKY9	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	NT
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	NT	NT	22.2,26.2	8,9	8,8
	17,17	10	NT	NT	2	
A8XJZP	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17	10				
AAJDMH	GlobalFiler™ (STRmix)					
	13,14,17.3	17,23	11	15,18	11	
3sp	10,11,13	13,14	13	20,22	8,11	12
	15,21	12,14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	6,8,9	8
	17	10			2	
AAZLLK	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
ABTA72	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
ADLCXB	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
AFN67M	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
AG3NQK	Investigator® 24plex (STRmix)					
	13,14,[17.3]	17,23	11	15,18	11	
3sp	10,13	13,14	13	[19],20,22	8,11	[9],12
	15,21	14,15	29	15,[16],17	X,Y	12
	21,24			22.2,[25.2],26.2	8,9	8
	17,[20]	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 3sp - STR Results

AK6YX2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
AKLJX	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ALKRVV	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
AMTWG7	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
APDPCL	PowerPlex® Fusion					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13],[14]	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	10				
AZF6Y6	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
B8RGW3	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

BAFZTU	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,[11],13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
BDLKU2	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
BFPA7H	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BGV2QH	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
BKET47	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BNFYKX	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BPZG78	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

BQ9UCZ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BTBUCW	Investigator® 24plex QS (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
BTVE7H	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
BVWDLG	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BX8G97	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
BYZ986	GlobalFiler™ (Strmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
BZYB8V	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

C6MH6U	Investigator® 24plex QS					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
CJQJ36	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
CKW6FJ	PowerPlex® Fusion					
	13,14,[15,17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13,14]	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	10				
CM2KG3	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
CMPZFY	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
CMZZYM	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
CP6P73	GlobalFiler™ (STRmix)					
	12,12.2,13,13.2,14,15	16,17,22,23	10,11,12	14,15,16,17,18	10,11,12	
3sp	9,10,12,13,14	12,13,14,15	12,13	19,20,21,22	7,8,10,11,12	11,12,13
	14,15,16,20,21	13,14,15	28,29,30	14,15,16,17,18	X,Y	11,12
	20,21,22,23,24			21.2,22,22.2,25.2,26,26.2	7,8,9	7,8
	16,17	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 3sp - STR Results

CPULZ7	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
CRJVYY	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
CTCU9Q	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
CU36XX	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
CUDH6M	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
CWAGGK	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
CYK9Y3	GlobalFiler™ (STRmix)					
	12,13,14,17.3	17,22,23	10,11	14,15,17,18	10,11,12	
3sp	9,10,11,12,13	12,13,14	12,13,14,16	19,20,21,22	8,10,11,13	9,11,12
	14,15,17,20,21	13,14,15	28,29	14,15,16,17	X,Y	11,12
	19,20,21,23,24,26			21.2,22.2,25.2,26.2	6,8,9,9.3	8
	16,17	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 3sp - STR Results

CZ9XRU	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
D2FDZK	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
D47R9V	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
D66M3Y	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DATXRH	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
DCYRXV	GlobalFiler™ (STRmix 2.4.06)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
DDBLL9	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

DE6EBZ	GlobalFiler™ (STRmix)					
	12,13,14,15	16,17,22,23,24	10,11,12	14,15,17,18	10,11,12	
3sp	9,10,12,13	12,13,14	12,13	19,20,21,22	7,8,10,11	11,12,13
	14,15,20,21,22	13,14,15	28,29,30	14,15,16,17,18	X,Y	11,12
	20,21,23,24			21.2,22,22.2,25.2,26.2	7,8,9	7,8
	16,17	9,10			2	
DJKNW6	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DKANQN	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DLHXGZ	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
DMK7QQ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
DMU6TL	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DPH9CZ	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

DT69PF	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DVEAYT	Investigator® 24plex QS (STRmix v2.6.3 (sperm fraction only))					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
DXCE9L	PowerPlex® Fusion (STRmix)					
	13,14	17,23	11,12	15,18	11	
3sp	10,11,13,14	13,14,15	13	20,22	8,11	12,13
	15,21,22	14,15	29	15,17	X,Y	12,13
	19,21,24	8,11	7,12,13		8,9	8
	17	INC				
DY8AZH	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
DZ4MPV	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
DZAWU3	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
E4ZJV2	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

E8V6A6	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
EDF9XV	PowerPlex® 21 (STRmix)					
	13,14	17,23		15,18	11,11	12,12
3sp	10,13	13,14		20,22	8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17					
EE2JDU	GlobalFiler™					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	21,24,[26]			[20],22.2,[25.2],26.2	8,9	8,[12]
	17,[20]	10			2	
EFWQT7	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
EFZ79R	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
EGJYL2	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
EHFRQD	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

EHJHMN	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
EJDRGK	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
EL3JN2	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,14			22.2,26.2	8,9	8,8
	17,17	10			2		
ELYD8M	GlobalFiler™ (STRmix v2.4)						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
ERBPMU	Identifiler® Plus						
			17,23		15,18	11,11	
	3sp	10,13	13,14			8,11	12,12
		15,21	14,15	29,29		X,Y	12,12
		21,24				8,9	8,8
	17,17						
ERUJ9N	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
ETKUWW	GlobalFiler™ (STRmix)						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		

TABLE 2

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

Item 3sp - STR Results

EXVRHX	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,[11],13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
EY8KG7	PowerPlex® Fusion 6C						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16			
EYUYXW	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
EZ29Z2	PowerPlex® Fusion 5C						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12		8,9	8
	17	10					
EZYCYP	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
F2FW3U	Identifiler® Plus						
			17,23		15,18	11,11	
	3sp	10,13	13,14			8,11	12,12
		15,21	14,15	29,29		X,Y	12,12
		21,24				8,9	8,8
	17,17						
F39V2D	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		

TABLE 2

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

Item 3sp - STR Results

F6Q8MV	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
F8XMZT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
F9EMCV	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
FF9R8R	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
FFTKPG	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
FHY6F3	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
FJ97KA	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	N/A
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	N/A	N/A	22.2,26.2	8,9	8,8
	17,17	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 3sp - STR Results

FJATBV	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
FNJ9KJ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
FPGV7J	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
FWCKER	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
FWZRTQ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
FXW7JP	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
FYHY47	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

G2L4BY	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
G68PGT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
G8AJ7X	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
G8MF6B	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
GBAPMP	GlobalFiler™ (STRmix (epithelial fraction only))					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
GDFFPX	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
GG6PTX	GlobalFiler™ (STRmix)					
	12,13,14	17,23	10,11	14,15,17,18	10,11	
3sp	10,13	12,13,14	12,13	19,20,21,22	8,10,11	11,12
	15,20,21	14,15	28,29	14,15,16,17	X,Y	11,12
	19,21,23,24			21.2,22.2,25.2,26.2	8,9	8
	16,17	10			2	

TABLE 2

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

Item 3sp - STR Results

GHD766	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,11,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
GJM2FF	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
GJRCHE	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
GP9DGJ	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
GQDZKW	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
GQQWLV	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
GRFQ3Q	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

GTTQ9E	PowerPlex® Fusion					
	13,14,[15,17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],16	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13],14	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	10				
GVVNL	GlobalFiler™ (STRmix 2.6.3)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	22	8,10,11	12
	15,21	14,15	29	15,17	X,Y	[11],12
	21,24			22.2,26.2	8,9	8
	17	10			2	
GYJ6BT	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
GZB48D	PowerPlex® Fusion					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13],[14]	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	10				
H8Q76R	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
HB442T	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
HCHJJ2	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

HE4FXT	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
HHMZVP	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
HJX6KR	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
HRDTGE	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
HX8MRM	GlobalFiler™ (STRMIX)					
	12,13,14,15,Q	16,17,22,23,Q	10,11,Q	14,15,17,18,Q	10,11,Q	
3sp	9,10,12,13,Q	12,13,14,Q	12,13,Q	19,20,21,22,Q	8,10,11,Q	11,12,Q
	14,15,20,21,Q	13,14,15,Q	28,29,Q	14,15,16,17,18,Q	X,Y	11,12,Q
	20,21,23,24,Q			21.2,22.2,25.2,26.2,Q	8,9,Q	8,Q
	16,17,Q	9,10			2	
J4MQYN	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
J7TCKT	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

J7U22J	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
J82TYL	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
JC3D3Q	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
JCYZAM	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
JF73MY	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
JGVDKR	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
JJG78U	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

JMV2PC	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
JQJB8Q	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
JRW3XM	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
JUCNDM	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
JUZMY2	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
JVA8TQ	PowerPlex® 5C					
	13,14	17,23,[24]	11	15,18	11	
3sp	10,[11],13	13,14	13	20,22	8,11,[13]	12
	15,21	[12],14,15	29,[32.2]	15,17	X,Y	12
	[19],21,24	8,11,[14]	7,12		8,9,[9.3]	8
	17	10				
JW6BEQ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

JXGLZW	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
JZ9WDP	GlobalFiler™					
	13,14,--	17,23,[-]	11,[-]	15,18,--	11,[-]	
3sp	10,11,13,--	13,14,[-]	13,[-]	20,22,--	8,11,--	12,[-]
	15,21,--	14,15,--	29,[-]	15,17,--	X,Y	12,--
	21,24,--			[20],22.2,26.2,[-]	8,9,--	8,[-]
	17,[-]	10,--			2,--	
K4F6TJ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
K6VB9A	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
K9Q9C7	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
K9RGQF	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
KA7D9J	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

KAW7JX	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
KCWHP	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
KDM4PV	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
KDWEPT	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
KFFKW3	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
KH38JN	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
KHCF8P	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

KJFL6D	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
KL3HAW	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
KNLPKD	GlobalFiler™ (STRmix)						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	12,14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
KPGKEW	Identifiler® Plus						
			17,23		15,18	11,11	
	3sp	10,13	13,14			8,11	12,12
		15,21	14,15	29,29		X,Y	12,12
		21,24				8,9	8,8
	17,17						
KQDDCL	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
KQTMEU	PowerPlex® Fusion						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12		8,9	8
	17	10					
KRRZPU	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		

TABLE 2

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

Item 3sp - STR Results

KUR8XK	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	[14],15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
L6A3QH	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
LA4WW7	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	19,21,24			22.2,26.2	8,9	8
	17	10			2	
LAZJ3H	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
LFBMYC	GlobalFiler™ (STRmix v2.5)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11,13	12
	15,21	14,15	29	15,17	X,Y	12
	21,24,26			22.2,26.2	6,8,9	8
	17,20	10			2	
LM74GN	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11,[14]	7,12		8,9	8
	17	10				
LMUTUX	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

LNHBQP	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
LQ8TQP	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
LURBGM	GlobalFiler™					
	13,14,[-]	17,23,[24]	11	15,18,[-]	11,[12]	
3sp	10,[11],13	13,14	13,[-]	[19],20,22	8,11,[13]	[9],12
	15,21,[-]	[12],14,15	29,[-]	15,[16],17	X,Y	12,[-]
	21,24,[-]			22.2,26.2,[-]	[6],8,9,[9.3]	8,[-]
	17,[-]	10			2	
LWGXVW	GlobalFiler™ (STRmix 2.8)					
	12,13,14	17,23	10,11	15,18	11	
3sp	10,13	13,14	12,13	20,22	8,11	12
	15,21	14,15	29	15,16,17	X,Y	11,12
	21,23,24			22.2,25.2,26.2	8,9	8
	16,17	10			2	
LWZLB7	GlobalFiler™					
	13,14,[17.3]	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13,[16]	20,22	8,11	12,12
	15,[17],21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
LX763L	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
LXN9JY	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

LXTL7V	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
LZYZV6	PowerPlex® Fusion5C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17	10				
M29VXM	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
M2KAXM	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
M49TVD	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
MCARZA	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
MDG9VK	GlobalFiler™					
	13,14,[15],[-]	17,23,[-]	11	15,18,[-]	11,[12]	
3sp	10,[11],13	13,14	13,[-]	[19],20,22	8,11,[13]	12,[-]
	15,[17],21	[12],14,15	29,[-]	15,17,[-]	X,Y	12,[-]
	21,24,[26],[-]			22.2,26.2,[-]	[6],8,9,[-]	8,[-]
	17,[-]	10			2	

TABLE 2

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

Item 3sp - STR Results

MDYATU	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
MFQ7JA	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
MGWX3A	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
MGZBWX	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
MJ64NB	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,11,12,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	19,21,24,26			22.2,26.2	6,8,9	8
	17	10			2	
MJMWG9	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
MKY29Y	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

MM3YEK						
3sp	13,14	17,23	11,11	15,18	11,11	
	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10,10			2,2	
MQNXB9	GlobalFiler™					
3sp	13,14	17,23	11	15,18	11	
	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
MXA4NM	PowerPlex® 21					
3sp	13,14,15,17.3	17,23,24		14,15,18	11,12	12,13,18
	10,11,13	13,14		19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
MY34M7	GlobalFiler™					
3sp	13,14	17,23	11,11	15,18	11,11	
	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
MYHECY	PowerPlex® Fusion 6C (STRmix)					
3sp	13,14	17,23	11,11	15,18	11,11	
	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
MYWMJD	GlobalFiler™					
3sp	13,14	17,23	11	15,18	11	
	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
MZEFR3	GlobalFiler™					
3sp	13,14	17,23	11,11	15,18	11,11	
	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

MZUZDL	Investigator® 24plex QS (STRmix 2.6.3)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
N2VHFL	GlobalFiler™					
	13,14	17,23	11	15,18	11	ND
3sp	10,[11],13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	[19],21,24	ND	ND	22.2,26.2	8,9	8
	17	10	ND	ND	2	
N86UJE	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
NAU6A8	PowerPlex® Fusion					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,21	[12],14,15	29,[32.2]	15,[16],17	X,Y	[11],12
	[19],21,24,[26]	8,11,[13],[14]	[5],7,12		[6],8,9,[9.3]	8,[12]
	17,[20]	10				
NC9ALC	GlobalFiler™					
	13,14,[17.3]	17,23,[24]	11	15,18	11,[12]	
3sp	10,[11],13	13,14	13	20,22	8,11	[9],12
	15,21	[12],14,15	29,[32.2]	15,17	X,Y	12
	[19],21,24			[20],22.2,26.2	8,9	8
	17	10			2	
NDDZEK	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
NFYM6L	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

NGD8XW	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
NHXRYM	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	6,8,9	8
	17	10			2	
NJHUE8	Investigator® 24plex (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
NKE6DV	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
NMXYRQ	Identifiler® Plus (GeneMapper® ID-X)					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
NQ2ZAT	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
NQ6HCX	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

NQNAFG	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
NTCQPP	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
NVQA3L	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
NVYGN9	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
NW67GJ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13,[16]	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
NWTALR	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
NYBKB4	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,11,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17,20	10			2	

TABLE 2

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

NZPV8N	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
P22WXG	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
P2FC3G	PowerPlex® Fusion 5C						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12		8,9	8
	17	10					
P6UA9J	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
PB3LBB	Investigator® 24plex QS						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10					
PJ3QJU	PowerPlex® Fusion 6C (STRmix)						
		13,14	17,23	11	15,18	11	
	3sp	10,11,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16			
PJGBB6	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		

TABLE 2

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

Item 3sp - STR Results

PKCQPM	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,[9]	8,8
	17,17	10			2	
PMK48N	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,[16],17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
PMV27D	GlobalFiler™					
	13,14	17,23	11	15,18	11	ND
3sp	10,[11],13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	ND	ND	22.2,26.2	8,9	8
	17	10	ND	ND	2	
PMYEZ2	PowerPlex® Fusion 5C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17	10				
PPYWPG	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
PTPQWJ	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
PUDAUB	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

PYBURT	GlobalFiler™					
	[13,14]	17,[23]	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	[20,22]	8,11	12,12
	15,[21]	14,15	29,29	15,17	[X,Y]	12,12
	21,24			[22.2,26.2]	8,9	8,8
	17,17	10			2	
Q38VCL	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
Q4VXVA	Investigator® 24plex (STRMix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10				
Q4XVGK	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
Q6GQA8	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,[11],13	13,14	13	20,22	8,11	12
	15,[17],21	14,15	29	15,[16],17	X,Y	12
	21,24	8,11	7,12	[20],22.2,26.2	[6],8,9	8
	17	10	19	16		
Q73QWG	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,[16],17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
Q7PY7K	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

QD4XLH	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
QGT8WJ	PowerPlex® 21 (STRmix 2.7.0)					
	13,14,15,17,3	17,23,24		14,15,18	11,12	12,13,18
3sp	10,11,13	13,14		19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2		X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20					
QHJD6G	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,[25.2],26.2	[8],9	8
	17	10			2	
QLX9PL	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
QP4AHK	Identifiler® Plus, MiniFiler					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
QT3NWL	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
QT4T3H	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

QTPYQN	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
QU9A8F	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
QUDMZ4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
QV78CN	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
QW4UDD	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
QW7JFP	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
QXH78C	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

QZ63DG	Investigator® 24plex QS (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
QZYAFN	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
R33R6N	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
R39ZHH	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
R7GYFN	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
R7Z9J4	GlobalFiler™					
	13,14,15,17.3	17,23	11	15,18	11,12	
3sp	10,11,13	13,14	13	19,20,22	8,11,13	9,12
	15,17,21	14,15	29	15,16,17	X,Y	11,12
	21,24			22.2,26.2	8,9,9.3	8,12
	17,20	10			2	
R8XL3P	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		

TABLE 2

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

Item 3sp - STR Results

RDKCPK	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
RJ2LGA	GlobalFiler™ (STRmix version 2.4.06)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
RJPMQ7	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	12	22.2,26.2	8,9	8
	17	10	19	16		
RLWFRD	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
RLWQ92	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
RMNTVG	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
RNKGLM	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

RV67A9	GlobalFiler™					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,17	X,Y	[11],12
	[19],21,24,[26]			[20],22.2,[25.2],26.2	[6],8,9,[9.3]	8,[12]
	17,[20]	10			2	
RWYQ7F	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
RY4EJK	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
RZFMJR	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
T3HHM8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
T3K86B	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
T47L7L	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

T6269M	GlobalFiler™, Investigator® 24plex QS (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
T7622C	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
T8E4RG	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
TDWD38	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
TEA6VN	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
TENNJR	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
TEXANN	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

TFNNLD	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
TGZC8X	GlobalFiler™					
	13,14,[17.3]	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13,[16]	20,22	8,11	12,12
	15,[17],21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
THT9U7	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
TK33NK	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
TK6VE7	GlobalFiler™					
	13,14,[15],[17.3]	17,23,[24]	11	[14],15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	[19],20,22	8,11,[13]	[9],12
	15,[17],21	[12],14,15	29,[32.2]	15,17	X,Y	12
	[19],21,24,[26]			[20],22.2,26.2	[6],8,9,[9.3]	8,[12]
	17,[20]	10			2	
TL72F6	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
TPV262	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

TQ6F6F	GlobalFiler™					
	13,14,[15],[17.3]	17,23,[24]	11	15,18	11	
3sp	10,[11],13	13,14	13,[16]	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24,[26]			22.2,26.2	8,9	8
	17	10			2	
TR2PH7	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	9,12
	15,21	12,14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	6,8,9	8
	17	10			2	
TYYJDJ	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
U3DQKC	Identifiler® Plus					
		17,23		15,18	11	
3sp	10,13	13,14			8,11	12
	15,21	14,15	29		X,Y	12
	21,24				8,9	8
	17					
U4NVWF	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
U6Y3AM	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
U7F8XD	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

U88BH8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
U9K394	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
UAXM7J	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	[6],8,9	8,8
	17,17	10			2	
UJ7WVX	GlobalFiler™ (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
UJYB3H	GlobalFiler™					
	13,14,[15],[17.3]	17,23,[24]	11	15,18	11,[12]	
3sp	10,[11],13	13,14	13,[14],[16]	20,22	8,11,[13]	[9],12
	15,[17],21	14,15	29,[32.2]	15,[16],17	X,Y	12
	[19],21,24			[20],22.2,26.2	8,9	8
	17	10			2	
UKAYB2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
UMLE63	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

UN9UW4	Identifiler® Plus, GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
UNTVYR	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
URZ6E4	PowerPlex® Fusion 6C (STRmix)					
	13,14,[15]	17,23	11	15,18	11	
3sp	10,[11],13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,[16],17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	[6],8,9	8
	17	10	19	16		
UTQF3B	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,[12**],13,[14]	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
UVU9YV	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
UW9NEG	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
UYGTWC	Investigator® 24plex QS					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

UYW9W7	GlobalFiler™ (STRmix)					
	13,14	17	NR	15	11	
3sp	10	13,14	13	20,22	8	NR
	15,21	14,15	29	15,17	X,Y	12
	24			22.2	8,9	8
	17	10			2	
V3XHVF	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
V42BC8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
V6ZF79	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
V792V3	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
V92QFJ	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
V9JC6L	PowerPlex® 21 (STRmix)					
	13,14	17,23		15,18	11,11	12,12
3sp	10,13	13,14		20,22	8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24	8,11	7,12		8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

VBN7MB	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VCFRX9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VDQV2D	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VENC89	GlobalFiler™ (STRMix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VJZ3PW	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VK89MD	PowerPlex® Fusion					
	13,14,[15],[17.3]	17,23	11	15,[17],18	11	
3sp	10,[12],13	13,14	13	20,22	8,11	12
	15,[20],21	[12],14,15	29,[32.2]	15,17	X,Y	12
	[19],21,24,[26]	8,11,[14]	[5],7,12		[6],8,9	8
	17	10				
VMYPXR	GlobalFiler™ (STRmix (stutter filters used))					
	13,14	17,23	11,11	15,18	11,11,[12]	
3sp	10,[11],13	13,14	13,13,[16]	20,22	8,11	12,12
	15,[17],21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

VMZAY9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
VPAFDM	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
VWZMQF	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
VXKHYN	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
VXZZKG	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
VYB8YP	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	NT
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	NT	NT	22.2,26.2	8,9	8,8
	17,17	10	NT	NT	2	
VZ63F8	GlobalFiler™ (STRmix v2.4)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

W2TJXY	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
W3PPM7	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
W4469J	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
W4HT2Y	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
W6B7MK	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
W8362J	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
W9BUBZ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

W9YURC	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
WD7N7F	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WDAY9E	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
WDMUAC	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
WE2BU6	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WGNTQW	GlobalFiler™					
	13,14,17.3	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,16,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WJV8GB	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13,--	20,22	8,11	12,--
	15,21	14,15	29,--	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8,--
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

WKU3BE	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
WKU6ZJ	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WN4J7W	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WQC7VG	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					
WTZ4EM	PowerPlex® Fusion 6C					
	13,14	17,23	11	15,18	11	
3sp	10,11,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,16,17	X,Y	12
	21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16		
WXELRW	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
WXY9G8	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

WYPJ7E	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
X2M2LZ	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
X4EF8B	PowerPlex® Fusion						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12		8,9	8
	17	10					
X76RW9	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
X7PDPY	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
X8TBPT	PowerPlex® Fusion 5C						
		13,14	17,23	11,11	15,18	11,11	-
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24	8,11	7,12	-	8,9	8,8
	17,17	10	-	-	-		
X8VURB	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		

TABLE 2

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

Item 3sp - STR Results

X8XLRR	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
XGKFX9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
XGQW68	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
XHUKDH	GlobalFiler™ (STRmix 2.4)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
XJ8PZ2	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
XJTRRG	GlobalFiler™ (STRmix)					
	12,13,14,17.3	17,23	10,11	15,17,18	10,11,12	
3sp	10,11,12,13	13,14	12,13	19,20,21,22	8,11	11,12
	14,15,20,21	14,15	28,29	15,16,17	X,Y	11,12
	21,24			20,21.2,22.2,25.2,26.2	8,9	8
	16,17	10			2	
XKMFBC	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

XKMKG9	GlobalFiler™						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24			22.2,26.2	8,9	8
	17	10			2		
XN4UNK	PowerPlex® Fusion 6C						
		13,14	17,23	11	15,18	11	
	3sp	10,13	13,14	13	20,22	8,11	12
		15,21	14,15	29	15,17	X,Y	12
		21,24	8,11	7,12	22.2,26.2	8,9	8
	17	10	19	16			
XXADUG	Identifiler® Plus						
			17,23		15,18	11,11	
	3sp	10,13	13,14			8,11	12,12
		15,21	14,15	29,29		X,Y	12,12
		21,24				8,9	8,8
	17,17						
XXNA9E	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
XXTG3V	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		
Y7F3XK	PowerPlex® Fusion 6C (STRmix)						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16			
Y7HT7N	GlobalFiler™						
		13,14	17,23	11,11	15,18	11,11	
	3sp	10,13	13,14	13,13	20,22	8,11	12,12
		15,21	14,15	29,29	15,17	X,Y	12,12
		21,24			22.2,26.2	8,9	8,8
	17,17	10			2		

TABLE 2

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

Item 3sp - STR Results

Y8FUJ8	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YBBCD8	Identifiler® Plus					
		17,23		15,18	11	
3sp	10,13	13,14			8,11	12
	15,21	14,15	29		X,Y	12
	21,24				8,9	8
	17					
YBUF3D	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,11,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
YD4GCR	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YDXQ2G	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YFLYVW	PowerPlex® Fusion					
	13,14,15,17.3	17,23,24	11	14,15,18	11,12	
3sp	10,11,13	13,14	13,14,16	19,20,22	8,11,13	9,12
	15,17,21	12,14,15	29,32.2	15,16,17	X,Y	11,12
	19,21,24,26	8,11,13,14	5,7,12		6,8,9,9.3	8,12
	17,20	10				
YHNTUZ	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				

TABLE 2

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

Item 3sp - STR Results

YKK4XF	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
YLN4PZ	PowerPlex® Fusion (TrueAllele)					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
YM47W9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
YMMGK3	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YN2BQA	GlobalFiler™ (STRmix)					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YNMVD9	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	
YQAGY4	GlobalFiler™					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10			2	

TABLE 2

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

Item 3sp - STR Results

YRF4C9	PowerPlex® Fusion					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
YWCQ7W	GlobalFiler™					
	13,14	17,23	11	15,18	11,12	
3sp	10,11,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24,26			22.2,26.2	8,9	8
	17	10			2	
YWG29V	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
YYJ277	PowerPlex® Fusion 5C					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	14,15	29	15,17	X,Y	12
	21,24	8,11	7,12		8,9	8
	17	10				
YZACVE	PowerPlex® Fusion 6C					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24	8,11	7,12	22.2,26.2	8,9	8,8
	17,17	10	19	16		
Z2LGWA	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ZBAB97	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	

TABLE 2

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

Item 3sp - STR Results

ZCLB8G	Investigator® 24plex QS					
	13,14	17,23	11	15,18	11	
3sp	10,13	13,14	13	20,22	8,11	12
	15,21	12,14,15	29	15,16,17	X,Y	12
	21,24			22.2,26.2	8,9	8
	17	10				
ZGYNCE	GlobalFiler™ (STRmix)					
	12,13,14,15,17.3	17,22,23	10,11	14,15,17,18	10,11,12	
3sp	10,11,12,13	12,13,14	12,13,14,16	19,20,21,22	8,11	11,12
	14,15,20,21	12,14,15	28,29	14,15,16,17	X,Y	11,12
	20,21,23,24			21.2,22.2,25.2,26.2	8,9	8
	16,17	9,10			2	
ZQJYGZ	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ZRJYL7	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ZRWQB	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11,[12]	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ZW7Z7R	GlobalFiler™					
	13,14	17,23	11,11	15,18	11,11	
3sp	10,13	13,14	13,13	20,22	8,11	12,12
	15,21	14,15	29,29	15,17	X,Y	12,12
	21,24			22.2,26.2	8,9	8,8
	17,17	10			2	
ZYCFMV	Identifiler® Plus					
		17,23		15,18	11,11	
3sp	10,13	13,14			8,11	12,12
	15,21	(13),14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 3sp - STR Results

ZYZNWF	Identifiler® Plus					
3sp		17,23		15,18	11,11	
	10,13	13,14			8,11	12,12
	15,21	14,15	29,29		X,Y	12,12
	21,24				8,9	8,8
	17,17					

TABLE 2

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

Item 4 - STR Results

22FAJF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
23DNU7	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
247MRQ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
279FXH	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
28Z9F2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
2BMBFZ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2CVAQ9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

2DTKNW	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2FUNDY	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2J2WP4	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2KWNPG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2MEC2W	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
4	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
2NNWW4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
2PQCFW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

2QEMXW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
2QGN2N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
2TPNDH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
2VW24W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
2XD82C	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
2YR3VC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
32DHT7	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

33PDDD	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
38VNAQ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
39F4YT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3BKPV7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3BYABA	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
3FCMZH	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3FFMY4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

3JBXVH	GlobalFiler™ (STRmix v2.4.06)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3JQRHQ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3KNVF8	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3KQQUC	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	22,23,24	10,11	13,14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	9,11,12
	14,15,16,17	12,14	28,29,31.2,32.2	14,15,16	X	10,11,12
	18,19,25,26			19,20,24.2,25.2	6,9.3	8,12
	16,17,19,20					
3MBKWE	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3PGZAC	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
3PMGAB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

3TJ32D	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
3TYCRE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
3VQDTV	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
3WD26V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
3WYNNE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
44VK9V	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4AJHKP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

4BFYV2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4C99PX	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
4EE2VB	GlobalFiler™ (STRmix)					
	14,14.2,15,16.3,17.1,17.3	22,23,24	10,11,12	13,14,15	11,12,13	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X	10,11,12
	18,19,25,26			19,19.2,20,24.2,25,25.2	5,6,8,3,9.3	7,8,11,12
	16,17,19,20			5.2		
4EJMJ4	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
4FP9UW	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4LHHGW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
4N6MZ9	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

4TDF6Z	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
4TTCEQ	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
4UB6QM	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4UU6G6	GlobalFiler™ (STRmix 2.4)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	6,9.3	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	none			none	
4VL9Z6	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4VMZY8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
4WCJNC	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

4WL6T9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
4XA9XU	GlobalFiler™ (SmallPond)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	N/A			N/A	
68CFCZ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6BVLNF	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6DJZB6	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6EQB6M	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6EVKB2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

6G4VDC	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
6JT6B6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
6QPZ94	Investigator® 24plex QS (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6RJJ7B	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6YZPR3	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6Z86ZU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
6ZQE6A	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

6ZT9J9	GlobalFiler™ (STRmix)					
	14,15,16,3,17.1,17.3	22,23,24	10,11	13,14,15	11,12,13	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X,X	10,11,12
	18,19,25,26			19,19.2,20,24.2,25,25.2	5,6,8,3,9.3	8,11,12
	16,17,19,20					
76M4HZ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7BQ9UR	PowerPlex® Fusion5C (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	-				
7EU924	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
7H76GD	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7HN268	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7HUCXX	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

7J7W2Z	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7J8VXU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
7KRVJ4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
7LP7HR	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
7PPDZ4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7QKQR3	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
7U39PE	GlobalFiler™ (STRMix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

7YZJ78	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
82DUBM	Investigator® 24plex					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
839UF9	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
86DZRE	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
87AJP9	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8AUDU2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8BBAM2	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

8D7QFP	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8DBVQC	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
8EN9K2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
8GVF4T	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	-
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	
8JDRNQ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8KAALL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
8L7G9X	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

8L8LFT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8LTZ7R	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8MEQ6B	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8Q2FG2	Investigator® 24plex QS (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
8QJ8QL	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
8QRCD4	GlobalFiler™, Verifiler (GeneMapper ID-X Software v1.5)					
	15,17.3	23,24	11	14,15	12	13,18
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
8XZUCB	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

92DYJ4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
962GU3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
96ACTU	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
98EFQ4	GlobalFiler™					
	[15],[17.3]	23,[24]	11	14,15	12	
4	11	[13],[14]	[14],16	[19],[20]	11,[13]	[9],[12]
	[15],[17]	[12],14	[29],[32.2]	[15],[16]	X	[11],[12]
	[19],[26]			[20],[25.2]	[6],[9.3]	[8],[12]
	[17],[20]	ND			ND	
98HTKR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
9DM79W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9E28B4	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

9EFP23	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9EYDJX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
9EZZNW	Identifiler® Plus					
		23,24		14,15	12	
4	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
9FRRZ3	PowerPlex® Fusion, MiniFiler					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
9H3FDT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9HZ77N	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	INC				
9JV4XA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	

TABLE 2

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

9L3GL3	PowerPlex® Fusion 6C (STRMIX)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
9M96LZ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
9MXZN4	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9NLEWL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
9QCGYT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9R9EA4	Investigator® 24plex					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9RQY3Y	PowerPlex® Fusion 6C (STRMIX)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

9UR4HZ	GlobalFiler™ (STRmix v2.4)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no results			no results	
9UWKGY	GlobalFiler™ (strmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
9VQBXY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
9WJ882	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
9ZX8Y	Identifiler®					
		23,24		14,15	12	
4	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
A2RURH	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	N/A
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	N/A	N/A	20,25.2	6,9.3	8,12
	17,20	N/A	N/A	N/A	N/A	
A4GEC8	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

A4RPTQ	GlobalFiler™ (STRmix v2.4.06)					
	15,17.3	23,24	11,11	14,15	12,12	-
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	-
A7378V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
A7JKY9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	NT
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	NT	NT	20,25.2	6,9.3	8,12
	17,20	NR	NT	NT	NR	
A8XJZP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	nd			nd	
AAJDMH	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AAZLLK	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
ABTA72	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

ADLCXB	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
AFN67M	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AG3NQK	Investigator® 24plex (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AJBP6P	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AKLVX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ALKRVV	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
AMTWG7	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

APDPCL	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
AZF6Y6	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
B8RGW3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
BAFZTU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
BDLKU2	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
BFPA7H	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BGV2QH	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

BKET47	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BNFYKX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BPZG78	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
BQ9UCZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
BTBUCW	Investigator® 24plex QS (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BTVE7H	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
BVWDLG	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

BX8G97	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BYZ986	GlobalFiler™ (Strmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
BZYB8V	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
C6MH6U	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-				
CJQJ36	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CKW6FJ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
CM2KG3	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

CMPZFY	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CMZZYM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
CP6P73	GlobalFiler™ (STRmix)					
	14,14.2,15,16.3,17.1,17.3	22,23,24	10,11,12	13,14,15	11,12,13	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X	10,11,12
	18,19,25,26			19,19.2,20,24.2,25.2 5.2	5,6,8,3,9.3	7,8,11,12
	16,17,19,20					
CPULZ7	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
CRJVYY	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
CTCU9Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12,[13]
	19,26			20,25.2	6,9.3	8,12
	17,20					
CU36XX	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

CWAGGK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CWNWUL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CYK9Y3	GlobalFiler™ (STRmix)					
	14,15,16.3,17.3	22,23,24	10,11	13,14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	9,11,12
	14,15,16,17	12,14	28,29,31.2,32.2	14,15,16,17	X	10,11,12
	18,19,25,26			19,20,24.2,25.2	6,9.3	8,12
	16,17,19,20					
CZ9XRU	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
D2FDZK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
D47R9V	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
D66M3Y	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

D8Z6WZ	PowerPlex® Fusion, MiniFiler					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
DATXRH	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
DCYRXV	GlobalFiler™ (STRmix 2.4.06)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
DDBLL9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DE6EBZ	GlobalFiler™ (STRmix)					
	14,14.2,15,16.3,17.1,17.3	22,23,24	10,11,12	13,14,15	11,12,13	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X	10,11,12
	18,19,25,26			19,19.2,20,24.2,25.2 5.2	5,6,8,3,9.3	7,8,11,12
	16,17,19,20					
DJKNW6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DKANQN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	

TABLE 2

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

DLHXGZ	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
DMK7QQ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DMU6TL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
DPH9CZ	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
DT69PF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DVEAYT	Investigator® 24plex QS (STRmix v2.6.3)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
DXCE9L	PowerPlex® Fusion (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	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 4 - STR Results

DY8AZH	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
DZ4MPV	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
E2HDKL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
E3PVHG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
E4ZJV2	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
E8V6A6	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
EDF9XV	PowerPlex® 21 (STRmix)					
	15,17.3	23,24		14,15	12,12	13,18
4	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

EE2JDU	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EFWQT7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EFZ79R	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EGJYL2	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
EHFRQD	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EHJHMN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EJDRGK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	

TABLE 2

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

EL3JN2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ELYD8M	GlobalFiler™ (STRmix v2.4)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
ERBPMU	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
ERUJ9N	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ETKUWW	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
EXVRHX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
EY8KG7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

EYUYXW	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
EZ29Z2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
EZYCYP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F2FW3U	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
F39V2D	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
F6Q8MV	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
F8XMZT	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

F9EMCV	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FF9R8R	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FFTKPG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FHY6F3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FJ97KA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	N/A
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	N/A	N/A	20,25.2	6,9.3	8,12
	17,20	N/A	N/A	N/A	N/A	
FJATBV	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FNJ9KJ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 4 - STR Results

FPGV7J	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
FWCKER	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FWZRTQ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
FXW7JP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
FYHY47	GlobalFiler™ (STRmix V2.5.11)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
G2L4BY	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
G68PGT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

G8AJ7X	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
G8MF6B	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GBAPMP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GDFFPX	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
GG6PTX	GlobalFiler™ (STRmix)					
	15,16.3,17.3	22,23,24	10,11	13,14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	9,12
	14,15,16,17	12,14	28,29,31.2,32.2	14,15,16	X	11,12
	19,25,26			19,20,24.2,25.2	6,9.3	8,12
	17,19,20					
GHD766	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
GJM2FF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

GJRCHE	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GP9DGJ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
GQDZKW	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
GQQWLV	GlobalFiler™					
	[15,17.3]	23,[24]	11,11	14,15	12,12	
4	11,11	13,14	[14,16]	19,[20]	11,13	[9,12]
	[15],17	12,14	[29,32.2]	[15,16]	X,X	[11,12]
	19,26			20,25.2	6,9.3	[8,12]
	[17,20]					
GRFQ3Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GTTQ9E	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
GVNLR	GlobalFiler™ (STRmix 2.6.3)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

GYJ6BT	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
GZB48D	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
H8Q76R	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
HB442T	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
HCHJJ2	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
HE4FXT	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
HHMZVP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

HJX6KR	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HKDJW9	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
HRDTGE	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HTB67F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
HX8MRM	GlobalFiler™ (STRMIX)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
J4MQYN	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
J7TCKT	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

J7U22J	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
J82TYL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JC3D3Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JCYZAM	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	- - -				
JF73MY	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
JGVDKR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
JJG78U	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

JMV2PC	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
JQJB8Q	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
JUCNDM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
JUZMY2	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
JVA8TQ	PowerPlex® 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
JW6BEQ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
JXGLZW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	29,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

JZ9WDP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
K4F6TJ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
K6VB9A	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
K9Q9C7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
K9RGQF	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
KA7D9J	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
KAW7JX	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

KCWHVP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KDM4PV	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
KDWEPT	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
KFFKW3	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KH38JN	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KHCF8P	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
KJFL6D	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

KL3HAW	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
KNLPKD	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KPGKEW	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
KQDDCL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KQTMEU	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
KRRZPU	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
KUR8XK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

KWZPAH	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
L6A3QH	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LA4WW7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LAZJ3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
LFBMYC	GlobalFiler™ (STRmix v2.5)					
	15,17.3	23,24	11	14,15	12,12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LM74GN	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NR				
LMUTUX	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

LNHBQP	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
LQ8TQP	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
LURBGM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No Results			No Results	
LVM44T	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
LWGXVW	GlobalFiler™ (STRmix 2.8)					
	14,15,16.3,17.3	23,24	10,11	13,14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	9,12
	14,15,16,17	12,14	29,31.2,32.2	14,15,16	X	11,12
	18,19,25,26			19,20,24.2,25.2	6,9.3	8,12
	16,17,19,20					
LWZLB7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
LX763L	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

LXN9JY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
LXTL7V	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
LZFBV6	PowerPlex® Fusion5C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
M29VXM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
M2KAXM	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
M49TVD	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MCARZA	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

MDG9VK	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no results			no results	
MDYATU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
MFQ7JA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
MGWX3A	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MGZBWX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MJ64NB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MJMWG9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	

TABLE 2

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

MKY29Y	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
MM3YEK	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	F,F			F,F	
MQNXB9	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MXA4NM	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
4	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
MY34M7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MYHECY	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
MYWMJD	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

MZEFR3	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
MZUZDL	Investigator® 24plex QS (STRmix 2.6.3)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
N2VHFL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
N7EJU7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
N86UJE	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NAU6A8	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	[9.3],12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
NC9ALC	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

NCJTW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NDDZEK	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NDWB3E	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NFYM6L	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
NGD8XW	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NHXRYM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
NJHUE8	Investigator® 24plex (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

NKE6DV	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NMXYRQ	Identifiler® Plus (GeneMapper® ID-X)					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NQ2ZAT	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NQ6HCX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NQNAFG	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
NTCQPP	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NVQA3L						
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	19,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

NW67GJ	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
NWTALR	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
NYBKB4	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NZPV8N	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
P22WXG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
P2FC3G	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
P6UA9J	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

P8KN7N	GlobalFiler™, MiniFiler					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
PB3LBB	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR				
PJ3QJU	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
PJGBB6	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
PKCQPM	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
PMK48N	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
PMV27D	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	ND
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	ND	ND	20,25.2	6,9.3	8,12
	17,20	ND	ND	ND	ND	

TABLE 2

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

Item 4 - STR Results

PMYEZ2	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
PPYWPG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
PTPQWJ	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
PUDAUB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
PYBURT	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
Q38VCL	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Q4VXVA	Investigator® 24plex (STRMix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NA				

TABLE 2

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

Item 4 - STR Results

Q4XVGK	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
Q6GQA8	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NID	NID	NID		
Q73QWG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
Q7PY7K	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
QD4XLH	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
QGT8WJ	PowerPlex® 21					
	15,17.3	23,24		14,15	12,12	13,18
4	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
QHJD6G	GlobalFiler™					
	15,[17.3]	23,24	11	14,15	12	
4	11	13,14	14,16	19,[20]	11,13	9,[12]
	[15],[17]	12,[14]	[29],[32.2]	15,16	X	[11],[12]
	[19],[26]			[20],[25.2]	6,9.3	[8],[12]
	[17],20	ND			ND	

TABLE 2

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

Item 4 - STR Results

QLX9PL	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QP4AHK	Identifiler® Plus, MiniFiler					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
QT3NWL	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QT4T3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QTPYQN	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QU9A8F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
QU9A8F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

QV78CN	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
QW4UDD	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
QW7JFP	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
QXH78C	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QZ63DG	Investigator® 24plex QS (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
QZYAFN	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
R33R6N	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

R39ZHH	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
R7GYFN	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
R7Z9J4	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
R8UCFE	Identifiler® Plus					
		23,24		14,15	12	
4	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X	11,12
	19,26				6,9.3	8,12
	17,20					
R8XL3P	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
RC73DY	PowerPlex® Fusion 5c					
	15,17.3	23,24	11,11	14,15	12,12	-
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	-	6,9.3	8,12
	17,20	-	-	-	-	
RDKCPK	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

RJ2LGA	GlobalFiler™ (STRmix version 2.4.06)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
RJPMQ7	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
RLWFRD	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
RLWQ92	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RMNTVG	GlobalFiler™ (STRmix V2.5.11)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RNKGLM	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
RPQ4W7	GlobalFiler™ 24 (GFF v2.7.5 beta)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

RQFEE9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RV67A9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
RWYQ7F	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
RY4EJK	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
RZFMJR	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
T3HHM8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
T3K86B	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

T47L7L	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
T6269M	GlobalFiler™, Investigator® 24plex QS					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
T7622C	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
T8E4RG	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TDWD38	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TEA6VN	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TENNJR	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

TEXANN	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
TFNNLD	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TGZC8X	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
THT9U7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TK33NK	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
TK6VE7	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TL72F6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

TPV262	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TQ6F6F	GlobalFiler™ (STRmix v2.6.3)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TR2PH7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
TYJYDJ	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
TYYTEB	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
U3DQKC	Identifiler® Plus					
		23,24		14,15	12	
4	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
U4NWF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

U6Y3AM	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
U7F8XD	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
U88BH8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
U9K394	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UAXM7J	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UJ7VWX	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
UJGKVJ	GlobalFiler™, MiniFiler					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 4 - STR Results

UJYB3H	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UKAYB2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UMLE63	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UN9UW4	Identifiler® Plus, GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
UNTVYR	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
URZ6E4	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	NID	NID	NID		
UTQF3B	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 4 - STR Results

UW9NEG	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
UYGTWC	Investigator® 24plex QS					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
UYW9W7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
V3LLZ2	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
V3XHVF	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
V42BC8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
V6ZF79	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

V792V3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20	-	-	-		
V92QFJ	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
V9JC6L	PowerPlex® 21 (STRmix)					
	15,17.3	23,24		14,15	12,12	13,18
4	11,11	13,14		19,20	11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
VBN7MB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VCFRX9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VDQV2D	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VENC89	GlobalFiler™ (STRMix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

VJZ3PW	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
VK89MD	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
VMYPXR	GlobalFiler™ (STRmix (with stutter filters))					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VMZAY9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
VPAFDM	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
VWZMQF	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
VXKHYN	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	

TABLE 2

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

Item 4 - STR Results

VXZZKG	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
VYB8YP	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	NT
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	NT	NT	20,25.2	6,9.3	8,12
	17,20	NR	NT	NT	NR	
VZ63F8	GlobalFiler™ (STRmix v2.4)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	no result			no result	
W2TJXY	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
W3PPM7	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
W4469J	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
W4HT2Y	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

W6B7MK	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
W8362J	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
W9BUBZ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
W9YURC	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
WC86X7	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
WD7N7F	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
WDAY9E	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

WDMUAC	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WE2BU6	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WGNTQW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WJV8GB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No results			No results	
WKU3BE	PowerPlex® Fusion 6C (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
WKU6ZJ	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
WN4J7W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

WQC7VG	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
WR9GT6	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
WTZ4EM	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
WXELRW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WXY9G8	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
WYPJ7E	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X2M2LZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

X4EF8B	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
X76RW9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X7PDPY	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
X8TBPT	PowerPlex® Fusion 5C					
	15,17.3	23,24	11,11	14,15	12,12	-
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	-	6,9.3	8,12
	17,20	-	-	-	-	-
X8VURB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
X8XLRR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XGKFX9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	

TABLE 2

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

Item 4 - STR Results

XGQW68	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XHUKDH	GlobalFiler™ (STRmix 2.4)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	No results			No results	
XJ8PZ2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NM			NM	
XJTRRG	GlobalFiler™ (STRmix)					
	14,15,17.3	23,24	10,11	14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	11,12,13	9,12
	14,15,16,17	11,12,14	29,32.2	15,16	X	11,12
	18,19,25,26			19,20,24.2,25.2	6,9.3	8,12
	17,20					
XKMFBC	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XKMKG9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XN4UNK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

XNJ7BW	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XQ7CPG	AmpFISTR NGM					
	15,17.3	23,24	11	14,15		
4		13,14	14,16	19,20		9,12
	15,17	12,14	29,32.2	15,16	X	
	19,26				6,9.3	
	17,20					
XXADUG	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
XXNA9E	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
XXTG3V	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
Y7F3XK	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Y7HT7N	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Y8FUJ8	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YBBCD8	Identifiler® Plus					
		23,24		14,15	12	
4	11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
YBUF3D	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YD4GCR	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YDXQ2G	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YFLYVW	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YHNTUZ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	-				

TABLE 2

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

YKK4XF	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YLN4PZ	PowerPlex® Fusion (TrueAllele)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YM47W9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
YMMGK3	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
YN2BQA	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	NR			NR	
YNMVD9	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YQAGY4	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

YRF4C9	PowerPlex® Fusion					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YWCQ7W	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YWG29V	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
YYJ277	PowerPlex® Fusion 5C					
	15,17.3	23,24	11	14,15	12	
4	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					
YZACVE	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
Z2LGWA	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	
Z7RLGB	PowerPlex® Fusion SYSTEM (M-FISys 11.09)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20					

TABLE 2

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

ZBAB97	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZCLB8G	Investigator® 24plex QS					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZGYNCE	GlobalFiler™ (STRmix)					
	14,14.2,15,16.3,17.3	22,23,24	10,11	13,14,15	11,12	
4	10,11	12,13,14	13,14,15,16	18,19,20	10,11,12,13	8,9,11,12
	14,15,16,17	11,12,13,14	28,29,31.2,32.2	14,15,16,17	X	10,11,12
	18,19,25,26			19,19.2,20,24.2,25,25.2	6,9.3	8,11,12
	16,17,19,20			5.2		
ZKFG43	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
ZQJYGZ	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZRJYL7	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZRVQBB	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	-			-	

TABLE 2

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

ZW7Z7R	GlobalFiler™ (STRmix)					
	15,17.3	23,24	11,11	14,15	12,12	
4	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
ZYZNWF	Identifiler® Plus					
		23,24		14,15	12,12	
4	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 4e - STR Results

3PJR6D	Identifiler® Plus					
		23,24		14,15	12,12	
4e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
3VNZDA	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
6PNTKB	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	-	-	20,25.2	6,9.3	8,12
	17,20	-	-	-	-	
7VEQ9J	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	15,17.3	23,24	11,11	14,15	12,12	
4e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7		6,9.3	8,12
	17,20	NM				
AK6YX2	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
CUDH6M	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

TABLE 2

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

Item 4e - STR Results

DZAWU3	PowerPlex® Fusion 6C					
	15,17.3	23,24	11,11	14,15	12,12	
4e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26	13,14	5,7	20,25.2	6,9.3	8,12
	17,20					
JRW3XM	GlobalFiler™					
	15,17.3	23,24	11	14,15	12	
4e	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					
NVYGN9	Identifiler® Plus					
		23,24		14,15	12,12	
4e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					
UVU9YV	GlobalFiler™					
	15,17.3	23,24	11,11	14,15	12,12	
4e	11,11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X,X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20	ND			ND	
ZYCFMV	Identifiler® Plus					
		23,24		14,15	12,12	
4e	11,11	13,14			11,13	9,12
	15,17	12,14	29,32.2		X,X	11,12
	19,26				6,9.3	8,12
	17,20					

TABLE 2

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

Item 4sp - STR Results

3PJR6D	Identifiler® Plus					
4sp	[REDACTED]					
	[REDACTED]					

3VNZDA	GlobalFiler™					
	15,17.3	23,24	11,---	14,15	12,---	
4sp	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,---			20,25.2		
	20,---					

6PNTKB	GlobalFiler™					
	[15],17.3	[23],[24]	11	14,15	12	
4sp	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26	-	-	20,25.2	6,9.3	8,[12]
	[17],20	-	-	-	-	

7VEQ9J	GlobalFiler™					
	[17.3]	[23,24]	[11]	[14,15]	[12]	
4sp	[11]	[13,14]	[14,16]	[19,20]	[11,13]	[9,12]
	[15,17]	[12,14]	[29,32.2]	[15,16]	[X]	[11,12]
	[19]			[25.2]	[6,9.3]	[8]
	[17,20]	ND			ND	

AAGARZ	PowerPlex® Fusion (GeneMapper Software 6)					
	NA	NA	NA	NA	NA	
4sp	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA				

AK6YX2	GlobalFiler™					
4sp	[REDACTED]					
	[REDACTED]					

CUDH6M	GlobalFiler™					
4sp	[REDACTED]					
	[REDACTED]					

TABLE 2

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

Item 4sp - STR Results

DZAWU3 PowerPlex® Fusion 6C

4sp						

JRW3XM GlobalFiler™

	15,17.3	23,24	11	14,15	12	
4sp	11	13,14	14,16	19,20	11,13	9,12
	15,17	12,14	29,32.2	15,16	X	11,12
	19,26			20,25.2	6,9.3	8,12
	17,20					

NVYGN9 Identifiler® Plus

		-		-	-	
4sp	-	-		-	-	-
	-	-	-	-	-	-
	-			-	-	-

UVU9YV GlobalFiler™

	ND	[23]	ND	ND	ND	
4sp	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND
	ND			ND	ND	ND
	ND	ND			ND	

ZYCFMV Identifiler® Plus

4sp						

YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 1 - YSTR Results

9FRRZ3	Yfiler™								
1		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
AAGARZ	PowerPlex® Y 23								
1		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	NA		NA
		NA	NA	NA	NA		NA	NA	NA
CUDH6M	Yfiler™ Plus								
1	[Redacted]								
D8Z6WZ	Yfiler™								
1		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
N2VHFL									
1							ND		
	[Redacted]								
NCJTW	Yfiler™ Plus								
1	[Redacted]								
V792V3	Yfiler™								
1		-	-	-	-	-	-	-	-
	-	-	-	-		-	-		-
							-		-

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
22FAJF	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
23DNU7	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
247MRQ	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
279FXH	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
28Z9F2	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
2GBLZW	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
2MEC2W	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
2PQCFW	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
2QEMXW	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
2QGN2N	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
2TPNDH	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
2VW24W	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
2XD82C	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
33PDDD	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
37TLE	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
39F4YT	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
3BKPV7	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
3KNVF8	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
3PJR6D	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			31
	12	11	21	14		21	13		11
3TJ32D	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			31
	12	11	21	14		21	13		11
3TYCRE	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
3VQDTV	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
3WD26V	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
3WYNNE	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

44VK9V	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
4BFYV2	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
4LHHGW	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
4TDF6Z	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
4UB6QM	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
4VL9Z6	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
4XA9XU	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
6DJZB6	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
6JT6B6	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
6Z86ZU	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
76M4HZ	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
7EU924	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

7J7W2Z	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
7J8VXU	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
7PPDZ4	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
7QKQR3	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
7YZJ78	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
839UF9	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
8DBVQC	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
8L8LFT	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
8LTZ7R	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
8QJ8QL	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
8QRCD4	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
8XZUCB	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11

TABLE 3

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

Item 2 - YSTR Results

962GU3	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9DM79W	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9E28B4	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9EZZNW	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
9FRRZ3	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
9H3FDT	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9HZ77N	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
9JV4XA	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9M96LZ	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9QCGYT	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
9R9EA4	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
9ZX8Y	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11

TABLE 3

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

Item 2 - YSTR Results

A2RURH	Yfiler™								
2	N/A	16	16,19	13	31	22	10	11	13
	14	11	12	21	N/A	15	19	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
A4GEC8	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
AAGARZ	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
AAJDMH	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
AG3NQK	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
AJBP6P	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
B8ANXE	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
BPZG78	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
BQ9UCZ	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
BTBUCW	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
BZYB8V	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
CM2KG3	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11

TABLE 3

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

Item 2 - YSTR Results

CMZZYM	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
CPULZ7	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
CRJYY	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
CTCU9Q	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
CUDH6M	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
CWAGGK	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
CWNWUL	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
D2FDZK	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
D8Z6WZ	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
DATXRH	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
DKANQN	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
DLHXGZ	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11

TABLE 3

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

Item 2 - YSTR Results

DPH9CZ	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
DT69PF	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
DXCE9L	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
E2HDKL	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
E3PVHG	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
E4ZJV2	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
EE2JDU	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
EGJYL2	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
EJHJMN	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
EJDRGK	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
EL3JN2	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ERBPMU	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
ERUJ9N	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ETKUWW	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
EYUYXW	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
EZYCYP	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
F39V2D	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
F8XMZT	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
FFTKPG	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
FHY6F3	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
FJ97KA	Yfiler™								
2	N/A	16	16,19	13	31	22	10	11	13
	14	11	12	21	N/A	15	19	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
FJATBV	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
FPGV7J	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
FWZRTQ	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

G68PGT	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GJM2FF	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GJRCHE	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GP9DGJ	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GQQWLV	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GRFQ3Q	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
GVNLR	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
H8Q76R	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
HCHJJ2	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
HTB67F	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
J7TCKT	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
J82TYL	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

JF73MY	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
	12	11	21	14		21	13	11	
JGVDKR	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
JW6BEQ	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21		11	
JXGLZW	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
	12	11	21	14		21	13	11	
K9RGQF	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
KDM4PV	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21		11	
KFFKW3	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
KJFL6D	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
KL3HAW	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
KPGKEW	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21		11	
KQDDCL	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
KRRZPU	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

KXAHWA									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
LFBMYC Yfiler™ Plus									
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
LM74GN Yfiler™ Plus									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
LMTTX6 PowerPlex® Y 23									
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
LMUTUX PowerPlex® Y 23									
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
LNHBQP Yfiler™ Plus									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
LWZLB7 Yfiler™									
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
LXTL7V Yfiler™ Plus									
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
MCARZA Yfiler™ Plus									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
MQNXB9 Yfiler™ Plus									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
MXA4NM Yfiler™ Plus									
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
MZEFR3 Yfiler™									
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11

TABLE 3

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

Item 2 - YSTR Results

MZUZDL	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
	12	11	21	14		21	13	11	
N2VHFL									
2						10			
N7EJU7	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
N86UJE	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
NCJTWM	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
NKE6DV	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
	12	11	21	14		21	13	11	
NMXYRQ	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
NQ6HCX	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
NTCQPP	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
NVQA3L	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
NVYGN9	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
NWTALR	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
	12	11	21	14		21	13	11	

TABLE 3

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

Item 2 - YSTR Results

NYBKB4	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
P22WXG	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
P6UA9J	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
PB3LBB	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
PJ3QJU	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
PKCQPM	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
PMK48N	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
PMYEZ2	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
PYBURT	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
Q4VXVA	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
QGT8WJ	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QLX9PL	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11

TABLE 3

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

Item 2 - YSTR Results

QP4AHK	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QTPYQN	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QU9A8F	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QUDMZ4	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QV78CN	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
QXH78C	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
QZ63DG	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11
QZYAFN	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
R7GYFN	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
R7Z9J4	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
R8UCFE	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
R8XL3P	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11

TABLE 3

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

Item 2 - YSTR Results

RJPMQ7	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19	21	11	
RLWQ92	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
RPQ4W7	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
RQFEE9	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
RY4EJK	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19	21		11
T6269M	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
TGZC8X	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19	21		11
THT9U7	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
TL72F6	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
TR2PH7	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11
U3DQKC	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19	21		11
U4NVVF	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	21	14	18	21			11

TABLE 3

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

Item 2 - YSTR Results

U9K394	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
UAXM7J	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
UJ7WVX	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
UKAYB2	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
UMLE63	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
UN9UW4	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
UW9NEG	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
V3LLZ2	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
V42BC8	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
V792V3	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
V92QFJ	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
VCFRX9	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

VDQV2D	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
VENC89	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
VJZ3PW	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
VWZMQF	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
VYB8YP	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12	NT	21	14	18	21	NT	11
W4HT2Y	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
W8362J	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
W9YURC	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
WDAY9E	Yfiler™								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		
							21		11
WE2BU6	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
WGNTQW	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
WKU6ZJ	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

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

Item 2 - YSTR Results

WQC7VG	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
WTZ4EM	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			31
		12	11	21	14	21	13		11
WXY9G8	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
WYPJ7E	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
X2M2LZ	Yfiler™								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
X7PDPY	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
X8XLRR	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
XGQW68	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
XHUKDH	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
XJ8PZ2	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
XNJ7BW	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
XQ7CPG	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			31
		12	11	21	14	21	13		11

TABLE 3

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

Item 2 - YSTR Results

XXADUG	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
XTG3V	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
Y7F3XK	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
		12	11	21	14	21	13		11
Y8FUJ8	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
YBBCD8	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
YD4GCR	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
YQAGY4	Yfiler™								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19			
						21			11
YWCQ7W	Yfiler™ Plus								
2	38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
Z2LGWA	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
Z7RLGB	PowerPlex® Y 23								
2	16	16,19	13	31	22	10	11	13	
	14	11	12	21	15	19		31	
		12	11	21	14	21	13		11
ZBAB97	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ZCLB8G	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
ZRJYL7	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ZRVVQB	Yfiler™ Plus								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ZYCFMV	Yfiler™								
2	38,38	16	16,19	13	31	22	10	11	13
	14	11	12	21	32	15	19	10	31
	41	12		21	14	18	21		11
ZYZNWF	PowerPlex® Y 23								
2		16	16,19	13	31	22	10	11	13
	14	11	12	21		15	19		31
		12	11	21	14		21	13	11

TABLE 3

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

Item 3 - YSTR Results

39F4YT	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4XA9XU	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8LTZ7R	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9FRRZ3	Yfiler™								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
AJBP6P	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CWNWUL	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
D8Z6WZ	Yfiler™								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
E2HDKL	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
E3PVHG	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
HTB67F	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
N7EJU7	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
NCJTWM	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3 - YSTR Results

R8UCFE	Yfiler™								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
RPQ4W7	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
RQFEE9	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V3LLZ2	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V792V3	Yfiler™								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
XNJ7BW	Yfiler™ Plus								
3	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
XQ7CPG	PowerPlex® Y 23								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
Z7RLGB	PowerPlex® Y 23								
3		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3e - YSTR Results									
22FAJF	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
23DNU7	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
247MRQ	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
279FXH	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
28Z9F2	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
2GBLZW	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
2PQCFW	Yfiler™ Plus								
3e									
2QEMXW	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
2QGN2N	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
2TPNDH	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	NR	11	13
	NR	10	11	20	NR	14	15	10	25
	39	11		19	16	20	21		11
2VW24W	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
2XD82C	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

33PDDD	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
37TLE	Yfiler™								
3e		14	13,14	12	28	23	10	11	12,13
	16	10	11	20		14	15		
							20,21		11
3BKP7	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
3KNVF8	Yfiler™								
3e									
3PJR6D	PowerPlex® Y 23								
3e									
3TYCRE	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	NR	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
3VQDTV	Yfiler™ Plus								
3e	40	14	14	12	28	23	10	11	
	16	10	11	20		14	15	10	25
	39			19	16	20	21		11
3WD26V	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
3WYNNE	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
44VK9V	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4BFY2	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4LHHGW	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

4TDF6Z	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4UB6QM	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
4VL9Z6	Yfiler™								
3e									
6DJZB6	Yfiler™								
3e									
6JT6B6	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
6Z86ZU	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
76M4HZ	Yfiler™ Plus								
3e									
7EU924	Yfiler™ Plus								
3e	-	-	-	12	-	-	-	11	-
	-	-	-	-	-	14	-	-	-
	-	-	-	-	16	-	-	-	-
7J7W2Z	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7J8VXU	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7PPDZ4	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7QKQR3	Yfiler™								
3e									

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3e - YSTR Results									
7YZJ78	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
839UF9	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
8DBVQC	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8L8LFT	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8QJ8QL	Yfiler™ Plus								
3e	40	14	13,14	12	28	23	10	11	NR
	16	10	11	NR	NR	14	15	10	25
	39	11		NR	16	20	21		11
8QRCD4	PowerPlex® Y 23								
3e									
8XZUCB	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
962GU3	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9DM79W	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9E28B4	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9EZZNW	Yfiler™								
3e		14	13	12	[28]	23	10	11	13
	16	10	11	20		14	15		25
							21		11
9H3FDT	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

9HZ77N	Yfiler™								
3e	[REDACTED]								
9JV4XA	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9M96LZ	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9QCGYT	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9ZX8Y	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
A2RURH	Yfiler™								
3e	N/A	14	13,14	12	28	23	10	11	13
	16	10	11	20	N/A	14	15	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
A4GEC8	PowerPlex® Y 23								
3e	[REDACTED]								
AAGARZ	PowerPlex® Y 23								
3e		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA		NA	NA	NA
AAJDMH	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
AG3NQK	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
B8ANXE	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
BPZG78	PowerPlex® Y 23								
3e	[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 3e - YSTR Results

BQ9UCZ	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
BTBUCW	PowerPlex® Y 23								
3e									
BZYB8V	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
CM2KG3	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
CMZZYM	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CPULZ7	PowerPlex® Y 23								
3e									
CRJVYY	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CTCU9Q	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CUDH6M	Yfiler™ Plus								
3e									
CWAGGK	Yfiler™ Plus								
3e									
D2FDZK	Yfiler™ Plus								
3e									
DATXRH	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

DKANQN	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
DLHXGZ	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
DPH9CZ	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
DT69PF	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25	
39	11		19	16	20	21		11		
DXCE9L	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
E4ZJV2	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
EE2JDU	Yfiler™ Plus									
	3e	37,40	14		12	28	23	10	13	
		10	11	20		14	15	10	25	
	11			16	20			11		
EGJYL2	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
EHJHMN	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25	
39	11		19	16	20	21		11		
EJDRGK	Yfiler™									
	3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15	21	11	
EL3JN2	Yfiler™ Plus									
	3e	37,40	NR	13	12	NR	23	10	11	13
	16	10	11	NR	28	NR	15	10	25	
39	NR		19	16	20	21		11		
ERBPMU	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25	
39	11		19	16	20	21		11		

TABLE 3

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

Item 3e - YSTR Results

ERUJ9N	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ETKUWW	Yfiler™								
3e									
EYUYXW	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
EZYCYP	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
F39V2D	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
F8XMZT	Yfiler™								
3e									
FFTKPG	Yfiler™ Plus								
3e									
FHY6F3	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
FJ97KA	Yfiler™								
3e	N/A	14	13,14	12	28	23	10	11	13
	16	10	11	20	N/A	14	15	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
FJATBV	Yfiler™								
3e									
FPGV7J	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
FWZRTQ	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

G68PGT	Yfiler™ Plus								
3e	[REDACTED]								
GJM2FF	Yfiler™ Plus								
3e	[REDACTED]								
GJRCHE	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GP9DGJ	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GQQWLV	Yfiler™ Plus								
3e	[37,40]	14	[13,14]	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GRFQ3Q	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GVNLR	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
H8Q76R	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
HCHJJ2	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
J7TCKT	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
J82TYL	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
JF73MY	PowerPlex® Y 23								
3e	[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 3e - YSTR Results

JGVDKR	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
JMV2PC	Yfiler™ Plus								
3e									
JW6BEQ	Yfiler™								
3e									
JXGLZW	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
K9RGQF	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KDM4PV	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
KFFKW3	Yfiler™ Plus								
3e									
KJFL6D	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KL3HAW	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KPGKEW	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
KQDDCL	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KRRZPU	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

KXAHWA									
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LFBMYC	Yfiler™ Plus								
3e									
LM74GN	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LMTX6	PowerPlex® Y 23								
3e		14	13,14	12		23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
LMUTUX	PowerPlex® Y 23								
3e									
LNHBQP	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LWZLB7	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
LXTL7V	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
MCARZA	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
MQNXB9	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
MXA4NM	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
MZEFR3	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

MZUZDL	PowerPlex® Y 23								
3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15		25	
	11	12	19	16		21	12	11	
N2VHFL									
3e	[10]								
N86UJE	Yfiler™								
3e									
NKE6DV	PowerPlex® Y 23								
3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15		25	
	11	12	19	16		21	12	11	
NMXRQ	Yfiler™								
3e	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15			
						21		11	
NQ6HCX	Yfiler™ Plus								
3e									
NTCQP	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
NVQA3L	Yfiler™ Plus								
3e									
NVYGN9	Yfiler™ Plus								
3e									
NWTALR	PowerPlex® Y 23								
3e									
NYBKB4	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
P22WXG	Yfiler™ Plus								
3e	[37,40]	14	[13,14]	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

P6UA9J	Yfiler™								
3e	10								
	16		20		14				
PB3LBB	Yfiler™								
3e									
PJ3QJU	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
PKCQPM	Yfiler™ Plus								
3e	37,40	14	[13],14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
PMK48N	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
PMYEZ2	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
PYBURT	Yfiler™ Plus								
3e	-	14	-	12	-	-	10	11	-
	16	10	-	-	-	-	15	10	-
	39	-		-	16	-	21		-
Q4VXVA	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
QGT8WJ	Yfiler™ Plus								
3e	37,40	14	13,14	12	NR	23	10	11	13
	16	10	11	20	28	14	15	10	25
	NR	NR		19	16	20	21		11
QLX9PL	Yfiler™								
3e									
QP4AHK	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QTPYQN	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

QU9A8F	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QU9A8F	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QV78CN	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
QXH78C	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QZ63DG	PowerPlex® Y 23								
3e		14	13,14,16	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
QZYAFN	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
R7GYFN	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
R7Z9J4	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
R8XL3P	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
RJPMQ7	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
RLWQ92	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
RY4EJK	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

T6269M	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TGZC8X	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
THT9U7	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TL72F6	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TR2PH7	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
U3DQKC	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
U4NVVF	Yfiler™ Plus								
3e									
U9K394	Yfiler™ Plus								
3e									
UAXM7J	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UJ7WVX	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UKAYB2	Yfiler™ Plus								
3e									
UMLE63	Yfiler™ Plus								
3e									

TABLE 3

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

Item 3e - YSTR Results

UW9NEG	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V42BC8	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V92QFJ	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
VCFRX9	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
VDQV2D	Yfiler™								
3e									
VENC89	Yfiler™ Plus								
3e									
VJZ3PW	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
WWZMQF	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
VYB8YP	Yfiler™ Plus								
3e	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
W4HT2Y	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
W8362J	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
W9YURC	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3e - YSTR Results

WDAY9E	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
WE2BU6	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
WGNTQW	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
WKU6ZJ	Yfiler™ Plus								
3e									
WQC7VG	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
WTZ4EM	PowerPlex® Y 23								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
WXY9G8	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
WYPJ7E	Yfiler™								
3e									
X2M2LZ	Yfiler™								
3e									
X7PDPY	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
X8XLR	Yfiler™								
3e		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
XGQW68	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3e - YSTR Results

XHUKDH	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
XJ8PZ2	Yfiler™									
	3e		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
XXADUG	Yfiler™									
	3e		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
XGTG3V	Yfiler™									
	3e		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
Y7F3XK	PowerPlex® Y 23									
	3e									
Y8FUJ8	Yfiler™ Plus									
	3e	37,[40]	14	[13,14]	12	28	23		11	
		16	10	11	20		14	15	10	
	39			19	16	20	21			
YBBCD8	Yfiler™									
	3e									
YD4GCR	Yfiler™									
	3e		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
YQAGY4	Yfiler™									
	3e									
YWCQ7W	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
Z2LGWA	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
ZBAB97	Yfiler™ Plus									
	3e	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11

TABLE 3

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

Item 3e - YSTR Results

ZCLB8G	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZRJYL7	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZRVQB	Yfiler™ Plus								
3e	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZYCFMV	Yfiler™								
3e									
ZYZNWF	PowerPlex® Y 23								
3e									

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3sp - YSTR Results									
22FAJF	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
23DNU7	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
247MRQ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
279FXH	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
28Z9F2	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
2GBLZW	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
2MEC2W	Yfiler™ Plus								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
2PQCFW	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
2QEMXW	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
2QGN2N	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
2TPNDH	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
2VW24W	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

2XD82C	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
33PDDD	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
37TLE	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
3BKPV7	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
3KNVF8	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
3PJR6D	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
3TJ32D	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
3TYCRE	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
3VQDTV	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
3WD26V	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
3WYNNE	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
44VK9V	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

4BFYV2	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4LHHGW	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
4TDF6Z	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
4UB6QM	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
4VL9Z6	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
6DJZB6	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
6JT6B6	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
6Z86ZU	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
76M4HZ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7EU924	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7J7W2Z	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7J8VXU	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

7PPDZ4	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
7QKQR3	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
7YZJ78	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
839UF9	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
8DBVQC	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8L8LFT	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8QJ8QL	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
8QRCD4	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
8XZUCB	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
962GU3	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9DM79W	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
9E28B4	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

WebCode	Amplification Kit									
	Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 3sp - YSTR Results										
9EZZNW	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21			11
9H3FDT	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21			11
9HZ77N	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21			11
9JV4XA	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21			11
9M96LZ	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21			11
9QCGYT	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21			11
9R9EA4	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21			11
9ZX8Y	Yfiler™									
3sp										
A2RURH	Yfiler™									
3sp	N/A	14	13,14	12	28	23	10	11	13	
	16	10	11	20	N/A	14	15	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A		11
A4GEC8	PowerPlex® Y 23									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15		25	
		11	12	19	16		21	12		11
AAGARZ	PowerPlex® Y 23									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15		25	
		11	12	19	16		21	12		11
AAJDMH	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21			11

TABLE 3

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

Item 3sp - YSTR Results

AG3NQK	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
B8ANXE	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
BPZG78	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
BQ9UCZ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
BTBUCW	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
BZYB8V	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
CM2KG3	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
CMZZYM	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CPULZ7	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
CRJVYY	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CTCU9Q	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
CUDH6M	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

CWAGGK	Yfiler™ Plus									
	3sp	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
D2FDZK	Yfiler™ Plus									
	3sp	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
DATXRH	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
DKANQN	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
DLHXGZ	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
DPH9CZ	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
DT69PF	Yfiler™ Plus									
	3sp	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
DXCE9L	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
E4ZJV2	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
EE2JDU	Yfiler™ Plus									
	3sp	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11
EGJYL2	Yfiler™									
	3sp		14	13,14	12	28	23	10	11	13
		16	10	11	20		14	15		
							21			11
EHJHMN	Yfiler™ Plus									
	3sp	37,40	14	13,14	12	28	23	10	11	13
		16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21			11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3sp - YSTR Results									
EJDRGK	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
EL3JN2	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ERBPMU	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ERUJ9N	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ETKUWW	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
EYUYXW	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
EZYCYP	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
F39V2D	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
F8XMZT	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
FFTKPG	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
FHY6F3	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
FJ97KA	Yfiler™								
3sp	N/A	14	13,14	12	28	23	10	11	13
	16	10	11	20	N/A	14	15	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11

TABLE 3

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

Item 3sp - YSTR Results

FJATBV	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
FPGV7J	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
FWZRTQ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
G68PGT	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GJM2FF	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GJRCHE	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GP9DGJ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GQQWLV	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GRFQ3Q	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
GVNLR	Yfiler™ Plus								
3sp									
H8Q76R	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
HCHJJ2	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3sp - YSTR Results									
J7TCKT	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
J82TYL	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
JF73MY	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
JGVDKR	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
JMV2PC	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
JW6BEQ	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
JXGLZW	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
K9RGQF	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KDM4PV	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
KFFKW3	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KJFL6D	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KL3HAW	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

KPGKEW	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
KQDDCL	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KRRZPU	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
KXAHWA	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LFBMYC	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LM74GN	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LMTTX6	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
LMUTUX	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
LNHBQP	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
LWZLB7	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
LXTL7V	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
MCARZA	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 3sp - YSTR Results										
MQNXB9	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
MXA4NM	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
MZEFR3	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
MZUZDL	PowerPlex® Y 23									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15		25	
		11	12	19	16		21	12	11	
N2VHFL										
3sp							10			
N86UJE	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
NKE6DV	PowerPlex® Y 23									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15		25	
		11	12	19	16		21	12	11	
NMXRQ	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
NQ6HCX	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
NTCQPP	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
NVQA3L	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
NVYGN9	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	

TABLE 3

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

Item 3sp - YSTR Results

NWTALR	PowerPlex® Y 23								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15		25	
	11	12	19	16		21	12	11	
NYBKB4	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
P22WXG	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
P6UA9J	Yfiler™								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15			
						21		11	
PB3LBB	Yfiler™								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15			
						21		11	
PJ3QJU	PowerPlex® Y 23								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15		25	
	11	12	19	16		21	12	11	
PKCQPM	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
PMK48N	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
PMYEZ2	PowerPlex® Y 23								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15		25	
	11	12	19	16		21	12	11	
PYBURT	Yfiler™ Plus								
3sp	[37],40	14	[13,14]	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
Q4VXVA	Yfiler™								
3sp	14	13,14	12	28	23	10	11	13	
	16	10	11	20	14	15			
						21		11	
QGT8WJ	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

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

Item 3sp - YSTR Results

QLX9PL	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
QP4AHK	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QTPYQN	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QU9A8F	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QUDMZ4	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QV78CN	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
QXH78C	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
QZ63DG	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
QZYAFN	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
R7GYFN	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
R7Z9J4	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
R8XL3P	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11

TABLE 3

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

Item 3sp - YSTR Results

RJPMQ7	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
RLWQ92	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
RY4EJK	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
T6269M	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TGZC8X	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
THT9U7	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TL72F6	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
TR2PH7	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
U3DQKC	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
U4NVVF	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
U9K394	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UAXM7J	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3sp - YSTR Results									
UJ7WVX	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UKAYB2	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UMLE63	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
UN9UW4	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
UW9NEG	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V42BC8	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
V92QFJ	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
VCFRX9	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
VDQV2D	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
VENC89	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	8,3,10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	18,20	21		11
VJZ3PW	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
VWZMQF	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 3sp - YSTR Results										
VYB8YP	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11	NT	19	16	20	21	NT	11	
W4HT2Y	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
W8362J	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
W9YURC	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
WDAY9E	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
WE2BU6	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
WGNTQW	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
WKU6ZJ	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
WQC7VG	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	
WTZ4EM	PowerPlex® Y 23									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15		25	
		11	12	19	16		21	12	11	
WXY9G8	Yfiler™ Plus									
3sp	37,40	14	13,14	12	28	23	10	11	13	
	16	10	11	20	28	14	15	10	25	
	39	11		19	16	20	21		11	
WYPJ7E	Yfiler™									
3sp		14	13,14	12	28	23	10	11	13	
	16	10	11	20		14	15			
							21		11	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3sp - YSTR Results									
X2M2LZ	Yfiler™								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
X7PDPY	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
X8XLRR	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
XGQW68	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
XHUKDH	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
XJ8PZ2	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
XXADUG	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
XXTG3V	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
Y7F3XK	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11
Y8FUJ8	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
YBBCD8	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11
YD4GCR	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		
							21		11

TABLE 3

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

Item 3sp - YSTR Results

YQAGY4	Yfiler™								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		11
							21		
YWCQ7W	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
Z2LGWA	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZBAB97	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZCLB8G	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZRJYL7	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZRVQBB	Yfiler™ Plus								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZYCFMV	Yfiler™								
3sp	37,40	14	13,14	12	28	23	10	11	13
	16	10	11	20	28	14	15	10	25
	39	11		19	16	20	21		11
ZYZNWF	PowerPlex® Y 23								
3sp		14	13,14	12	28	23	10	11	13
	16	10	11	20		14	15		25
		11	12	19	16		21	12	11

TABLE 3

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

Item 4 - YSTR Results

22FAJF	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
2TPNDH	Yfiler™								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
3TYCRE	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
7KRVJ4	ND								
4									
8DBVQC	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
9FRRZ3	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
A2RURH	Yfiler™								
4	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
EL3JN2	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
H8Q76R	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-
LXTL7V	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
N2VHFL	ND								
4									
NCJTWM	Yfiler™ Plus								
4									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-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

QP4AHK	Yfiler™ Plus								
4	[Redacted]								
R8UCFE	Yfiler™								
4	[Redacted]								
V792V3	Yfiler™								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-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

AAGARZ	PowerPlex® Y 23								
4e	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	NA		NA
		NA	NA	NA	NA		NA	NA	NA
CUDH6M	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 4sp - YSTR Results

AAGARZ	PowerPlex® Y 23								
4sp	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
CUDH6M	Yfiler™ Plus								
4sp									

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
AM	6QPZ94								
QS1	4VL9Z6								
	6QPZ94								
	DVEAYT								
	T6269M	Q	Q		Q	Q	Q		
	ZCLB8G	Q	Q		Q	Q	Q		
QS2	4VL9Z6								
	6QPZ94								
	DVEAYT								
	T6269M	S	S		S	S	S		
	ZCLB8G	S	S		S	S	S		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16093.0	16189.0	16223.0	16278.0	16294.0	16309.0	16390.0
ITEM 1							
2MEC2W	C	C	T	T	T	G	A
43KFH8	C	C	T	T	T	G	A
8AUDU2	C	C	T	T	T	G	
8QRCD4	C	C	T	T	T	G	
9JR3W3	C	C	T	T	T	G	A
AAGARZ	C	C	T	T	T	G	
CUDH6M	C	C	T	T	T	G	A
NCJTWL	C	C	T	T	T	G	
P2FC3G	C	C	T	T	T	G	A
R8UCFE	C	C	T	T	T	G	A
UN9UW4	C	C	T	T	T	G	

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16185.0	16223.0	16327.0	16519.0
ITEM 2				
2MEC2W	T	T	T	C
43KFH8	T	T	T	C
8AUDU2	T	T	T	
8QRCD4	T	T	T	
9JR3W3	T	T	T	C
AAGARZ	T	T	T	
CUDH6M	T	T	T	C
NCJTWB	T	T	T	
P2FC3G	T	T	T	C
R8UCFE	T	T	T	
UN9UW4	T	T	T	

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16093.0	16189.0	16223.0	16278.0	16294.0	16309.0	16390.0
ITEM 3							
43KFH8	C	C	T	T	T	G	A
8QRCD4	C	C	T	T	T	G	
AAGARZ	C	Y	T	T	T	R	
CUDH6M	C	C	T	T	T	G	A
NCJTW M	Y	Y	Y	Y	Y	R	
R8UCFE	C	C	T	T	T	G	A

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16093.0	16189.0	16223.0	16278.0	16294.0	16309.0	16390.0
ITEM 4							
2MEC2W	C	C	T	T	T	G	A
43KFH8	C	C	T	T	T	G	A
8AUDU2	C	C	T	T	T	G	
8QRCD4	C	C	T	T	T	G	
9JR3W3	C	C	T	T	T	G	A
AAGARZ	C	C	T	T	T	G	
CUDH6M	C	C	T	T	T	G	A
NCJTWB	C	C	T	T	T	G	
P2FC3G	C	C	T	T	T	G	
R8UCFE	C	C	T	T	T	G	A
UN9UW4	C	C	T	T	T	G	

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2MEC2W	16023-16569	16023-16569		16023-16569
43KFH8	16024-16569	16024-16569	16024-16569	16024-16569
8AUDU2	16024-16389	16024-16388		16024-16387
8QRCD4	Anderson	Anderson	Anderson	Anderson
9JR3W3	16024-16569	16024-16569		16024-16569
AAGARZ	16024-16365	16024-16365	16024-16365	16024-16365
CUDH6M	16005-16550	16005-16550	16005-16550	16005-16550
NCJTW M	16024-16365	16024-16365	16024-16365	16024-16365
P2FC3G	16024-16569	16024-16569		16024-16377
R8UCFE	16086-16418nt	16086-16418nt	16086-16418nt	16086-16418nt
UN9UW4	16024-16365	16024-16365		16024-16365

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	143.0	146.0	152.0	195.0	263.0	315.1
ITEM 1							
2MEC2W	G	A	C	C	C	G	C
43KFH8	G	A	C	C	C	G	C INS
8AUDU2	G	A	C	C	C	G	C
8QRCD4	G	A	C	C	C	G	C
9JR3W3	G	A	C	C	C	G	C INS
AAGARZ	G	A	C	C	C	G	C
CUDH6M	G	A	C	C	C	G	C
NCJTWM	G	A	C	C	C	G	C
P2FC3G	G	A	C	C	C	G	C
R8UCFE	G	A	C	C	C	G	C
UN9UW4	G	A	C	C	C	G	C

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	150.0	189.0	200.0	263.0	309.1	315.1
ITEM 2							
2MEC2W	G	T	G	G	G	C	C
43KFH8	G	T	G	G	G	C INS	C INS
8AUDU2	G	T	G	G	G	C	C
8QRCD4	G	T	G	G	G	C	C
9JR3W3	G	T	G	G	G	C INS	C INS
AAGARZ	G	T	G	G	G	C	C
CUDH6M	G	T	G	G	G	C	C
NCJTW M	G	T	G	G	G	C	C
P2FC3G	G	T	G	G	G	C	C
R8UCFE	G	T	G	G	G	C	C
UN9UW4	G	T	G	G	G	C	C

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	143.0	146.0	152.0	195.0	263.0	315.1
ITEM 3							
43KFH8	G	A	C	C	C	G	C INS
8QRCD4	G	A	C	C	C	G	C
AAGARZ	G	R	Y	Y	Y	G	C
CUDH6M	G	A	C	C	C	G	C
NCJTW M	G	A	C	C	C	G	C
R8UCFE	G	A	C	C	C	G	C

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	143.0	146.0	152.0	195.0	263.0	315.1
ITEM 4							
2MEC2W	G	A	C	C	C	G	C
43KFH8	G	A	C	C	C	G	C INS
8AUDU2	G	A	C	C	C	G	C
8QRCD4	G	A	C	C	C	G	C
9JR3W3	G	A	C	C	C	G	C INS
AAGARZ	G	A	C	C	C	G	C
CUDH6M	G	A	C	C	C	G	C
NCJTWM	G	A	C	C	C	G	C
P2FC3G	G	A	C	C	C	G	C
R8UCFE	G	A	C	C	C	G	C
UN9UW4	G	A	C	C	C	G	C

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2MEC2W	1-408	1-408		1-408
43KFH8	1-576	1-576	1-576	1-576
8AUDU2	47-381	62-398		51-398
8QRCD4	Anderson	Anderson	Anderson	Anderson
9JR3W3	1-576	1-576		1-576
AAGARZ	73-340	73-340	73-340	73-340
CUDH6M	57-370	57-370	57-370	57-370
NCJTWM	73-340	73-340	73-340	73-340
P2FC3G	1-576	1-573		46-367
R8UCFE	30-407nt	30-407nt	30-407nt	30-407nt
UN9UW4	73-340	73-340		73-340

DNA Interpretations

Based on the results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect 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
22FAJF	Yes	Yes	No	No	32DHT7	Yes	Yes	No	No
23DNU7	Yes	Yes	No	No	33PDDD	Yes	Yes	No	No
247MRQ	Yes	Yes	No	No	37TLLE	No Interp	No Interp	No	No Interp
279FXH	Yes	Yes	No	No	38VNAQ	Yes	Yes	No	No
28Z9F2	Yes	Yes	No	No	39F4YT	Yes	Yes	No	No
2BMBFZ	Yes	Yes	No	No	3BKPV7	Yes	Yes	No	No
2CVAQ9	Yes	Yes	No	No	3BYABA	Yes	Yes	No	No
2DTKNW	Yes	Yes	No	No	3FCMZH	Yes	Yes	No	No
2FUNDY	Yes	Yes	No	No	3FFMY4	Yes	Yes	No	No
2GBLZW	No Interp	No Interp	No	No Interp	3JBXVH	Yes	Yes	No	No
2J2WP4	Yes	Yes	No	No	3JQRHQ	Yes	Yes	No	No
2KWNPG	Yes	Yes	No	No	3KNVF8	Yes	Yes	No	No
2MEC2W	Yes	Yes	No	No	3KQQUC	Yes	Yes	No	No
2NNWW4	Yes	Yes	No	No	3MBKWE	Yes	Yes	No	No
2PQCFW	Yes	Yes	No	No	3PGZAC	Yes	Yes	No	No
2QEMXW	Yes	Yes	No	No	3PJR6D	Yes	Yes	No	No
2QGN2N	Yes	Yes	No	No	3PMGAB	Yes	Yes	No	No
2TPNDH					3TJ32D	Yes	Yes	No	No
2VW24W	Yes	Yes	No	No	3TYCRE	Yes	Yes	No	No
2XD82C	Yes	Yes	No	No	3VNZDA	Yes	Yes	No	No
2YR3VC	Yes	Yes	No	No	3VQDTV	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3WD26V	Yes	Yes	No	No	6DJZB6	Yes	Yes	No	No
3WYNNE	Yes	Yes	No	No	6EQB6M	Yes	Yes	No	No
43KFH8	Yes	Yes	No	No	6EVKB2	Yes	Yes	No	No
44VK9V	Yes	Yes	No	No	6G4VDC	Yes	Yes	No	No
4AJHKP	Yes	Yes	No	No	6JT6B6	Yes	Yes	No	No
4BFYV2	Yes	Yes	No	No	6PNTKB	Yes	Yes	No	No
4C99PX	Yes	Yes	No	No	6QPZ94	Yes	Yes	No	No
4EE2VB	Yes	Yes	No	No	6RJJ7B	Yes	Yes	No	No
4EJMJ4	Yes	Yes	No	No	6YZPR3	Yes	Yes	No	No
4FP9UW	Yes	Yes	No	No	6Z86ZU	Yes	Yes	No	No
4LHHGW	Yes	Yes	No	No	6ZQE6A	Yes	Yes	No	No
4N6MZ9	Yes	Yes	No	No	6ZT9J9	Yes	Yes	No	No
4TDF6Z	Yes	Yes	No	No	76M4HZ	Yes	Yes	No	No
4TTCEQ	Yes	Yes	No	No	7BQ9UR	Yes	Yes	No	No
4UB6QM	Yes	Yes	No	No	7EU924	Yes	Yes	No	No
4UU6G6	Yes	Yes	No	No	7H76GD	Yes	Yes	No	No
4VL9Z6	Yes	Yes	No	No	7HN268	Yes	Yes	No	No
4VMZY8	Yes	Yes	No	No	7HUCXX	Yes	Yes	No	No
4WCJNC	Yes	Yes	No	No	7J7W2Z	Yes	Yes	No	No
4WL6T9	Yes	Yes	No	No	7J8VXU	Yes	Yes	No	No
4XA9XU	Yes	Yes	No	No	7KRJV4	Yes	Yes	No	No
68CFCZ	Yes	Yes	No	No	7LP7HR	Yes	Yes	No	No
6BVLNF	Yes	Yes	No	No	7PPDZ4	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7QKQR3	Yes	Yes	No	No	8XZUCB	Yes	Yes	No	No
7U39PE	Yes	Yes	No	No	92DYJ4	Yes	Yes	No	No
7VEQ9J	Yes	Yes	No	No	962GU3	Yes	Yes	No	No
7YZJ78	Yes	Yes	No	No	96ACTU	Yes	Yes	No	No
82DUBM	Yes	Yes	No	No	98EFQ4	Yes	Yes	No	No
839UF9	Yes	Yes	No	No	98HTKR	Yes	Yes	No	No
86DZRE	Yes	Yes	No	No	9DM79W	Yes	Yes	No	No
87AJP9	Yes	Yes	No	No	9E28B4	Yes	Yes	No	No
8AUDU2	No Interp	Yes	No Interp	No	9EFP23	Yes	Yes	No	No
8BBAM2	Yes	Yes	No	No	9EYDJX	Yes	Yes	No	No
8D7QFP	Yes	Yes	No	No	9EZZNW	Yes	Yes	No	No
8DBVQC	Yes	Yes	No	No	9FRRZ3	Yes	Yes	No	No
8EN9K2	Yes	Yes	No	No	9H3FDT	Yes	Yes	No	No
8GVF4T	Yes	Yes	No	No	9HZ77N	Yes	Yes	No	No
8JDRNQ	Yes	Yes	No	No	9JR3W3	Inc	Yes	Inc	No
8KAALL	Yes	Yes	No	No	9JV4XA	Yes	Yes	No	No
8L7G9X	Yes	Yes	No	No	9L3GL3	Yes	Yes	No	No
8L8LFT	Yes	Yes	No	No	9M96LZ	Yes	Yes	No	No
8LTZ7R	Yes	Yes	No	No	9MXZN4	Yes	Yes	No	No
8MEQ6B	Yes	Yes	No	No	9NLEWL	Yes	Yes	No	No
8Q2FG2	Yes	Yes	No	No	9QCGYT	Yes	Yes	No	No
8QJ8QL	Yes	Yes	No	No	9R9EA4	Yes	Yes	No	No
8QRCD4	Yes	Yes	No	No	9RQY3Y	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9UR4HZ	Yes	Yes	No	No	APDPCL	Yes	Yes	No	No
9UWKGY	Yes	Yes	No	No	AZF6Y6	Yes	Yes	No	No
9VQBXY	Yes	Yes	No	No	B8ANXE	No Interp	No Interp	No	No
9WJ882	Yes	Yes	No	No	B8RGW3	No Interp	No Interp	No Interp	No Interp
9ZX8Y	Yes	Yes	No	No	BAFZTU	Yes	Yes	No	No
A2RURH	Yes	Yes	No	No	BDLKU2	Yes	Yes	No	No
A4GEC8	Yes	Yes	No	No	BFPA7H	Yes	Yes	No	No
A4RPTQ	Yes	Yes	No	No	BGV2QH	Yes	Yes	No	No
A7378V	Yes	Yes	No	No	BKET47	Yes	Yes	No	No
A7JKY9	Yes	Yes	No	No	BNFYKX	Yes	Yes	No	No
A8XJZP	Yes	Yes	No	No	BPZG78	Yes	Yes	No	No
AAGARZ	Yes	Yes	No	No	BQ9UCZ	Yes	Yes	No	No
AAJDMH	Yes	Yes	No	No	BTBUCW	Yes	Yes	No	No
AAZLLK	Yes	Yes	No	No	BTVE7H	Yes	Yes	Inc	No
ABTA72	Yes	Yes	No	No	BVWDLG	Yes	Yes	No	No
ADLCXB	Yes	Yes	No	No	BX8G97	Yes	Yes	No	No
AFN67M	Yes	Yes	No	No	BYZ986	Yes	Yes	No	No
AG3NQK	Yes	Yes	No	No	BZYB8V	Yes	Yes	No	No
AJBP6P	Yes	Yes	No	No	C6MH6U	Yes	Yes	No	No
AK6YX2	Yes	Yes	No	No	CJQJ36	Yes	Yes	No	No
AKLJVX	Yes	Yes	No	No	CKW6FJ	Yes	Yes	No	No
ALKRVV	Yes	Yes	No	No	CM2KG3	Yes	Yes	No	No
AMTWG7	Yes	Yes	No	No	CMPZFY	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
CMZZYM	Yes	Yes	No	No	DMU6TL	Yes	Yes	No	No
CP6P73	Yes	Yes	No	No	DPH9CZ	Yes	Yes	No	No
CPULZ7	Yes	Yes	No	No	DT69PF	Yes	Yes	No	No
CRJVYY	Yes	Yes	No	No	DVEAYT	Yes	Yes	No	No
CTCU9Q	Yes	Yes	No	No	DXCE9L	Yes	Yes	No	No
CU36XX	Yes	Yes	No	No	DY8AZH	Yes	Yes	No	No
CUDH6M	Yes	Yes	No	No	DZ4MPV	Yes	Yes	No	No
CWAGGK	Yes	Yes	No	No	DZAWU3	Yes	Yes	No	No
CWNWUL	Yes	Yes	No	No	E2HDKL	Yes	Yes	No	No
CYK9Y3	Yes	Yes	No	No	E3PVHG	Yes	Yes	No	No
CZ9XRU	Yes	Yes	No	No	E4ZJV2	Yes	Yes	No	No
D2FDZK	Yes	Yes	No	No	E8V6A6	Yes	Yes	No	No
D47R9V	Yes	Yes	No	No	EDF9XV	Yes	Yes	No	No
D66M3Y	Yes	Yes	No	No	EE2JDU	Yes	Yes	No	No
D8Z6WZ	Yes	Yes	No	No	EFWQT7	Yes	Yes	No	No
DATXRH	Yes	Yes	No	No	EFZ79R	Yes	Yes	No	No
DCYRXV	Yes	Yes	No	No	EGJYL2	Yes	Yes	No	No
DDBLL9	Yes	Yes	No	No	EHFRQD	Yes	Yes	No	No
DE6EBZ	Yes	Yes	No	No	EHJHMN	Yes	Yes	No	No
DJKNW6	Yes	Yes	No	No	EJDRGK	Yes	Yes	No	No
DKANQN	Yes	Yes	No	No	EL3JN2	Yes	Yes	No	No
DLHXGZ	Yes	Yes	No	No	ELYD8M	Yes	Yes	No	No
DMK7QQ	Yes	Yes	No	No	ERBPMU	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ERUJ9N	Yes	Yes	No	No	G2L4BY	Yes	Yes	No	No
ETKUWW	Yes	Yes	No	No	G68PGT	Yes	Yes	No	No
EXVRHX	Yes	Yes	No	No	G8AJ7X	Yes	Yes	No	No
EY8KG7	Yes	Yes	No	No	G8MF6B	Yes	Yes	No	No
EYUYXW	Yes	Yes	No	No	GBAPMP	Yes	Yes	No	No
EZ29Z2	Yes	Yes	No	No	GDFFPX	Yes	Yes	No	No
EZYCYP	Yes	Yes	No	No	GG6PTX	Yes	Yes	No	No
F2FW3U	No Interp	No Interp	No Interp	No Interp	GHD766	Yes	Yes	No	No
F39V2D	Yes	Yes	No	No	GJM2FF	Yes	Yes	No	No
F6Q8MV	Yes	Yes	No	No	GJRCHE	Yes	Yes	No	No
F8XMZT	Yes	Yes	No	No	GP9DGJ	Yes	Yes	No	No
F9EMCV	Yes	Yes	No	No	GQDZKW	Yes	Yes	No	No
FF9R8R	Yes	Yes	No	No	GQQWLV	Yes	Yes	No	No
FFTKPG	Yes	Yes	No	No	GRFQ3Q	Yes	Yes	No	No
FHY6F3	Yes	Yes	No	No	GTTQ9E	Yes	Yes	Inc	No
FJ97KA	Yes	Yes	No	No	GWNLR	Yes	Yes	No	No
FJATBV	Yes	Yes	No	No	GYJ6BT	Yes	Yes	No	No
FNJ9KJ	Yes	Yes	No	No	GZB48D	Yes	Yes	No	No
FPGV7J	Yes	Yes	No	No	H8Q76R	Yes	Yes	No	No
FWCKER	Yes	Yes	No	No	HB442T	Yes	Yes	No	No
FWZRTQ	Yes	Yes	No	No	HCHJJ2	Yes	Yes	No	No
FXW7JP	Yes	Yes	No	No	HE4FXT	Yes	Yes	No	No
FYHY47	Yes	Yes	No	No	HHMZVP	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HJX6KR	Yes	Yes	No	No	K4F6TJ	Yes	Yes	No	No
HKDJW9	Yes	Yes	No	No	K6VB9A	Yes	Yes	No	No
HRDTGE	Yes	Yes	No	No	K9Q9C7	Yes	Yes	No	No
HTB67F	Yes	Yes	No	No	K9RGQF	Yes	Yes	No	No
HX8MRM	Yes	Yes	No	No	KA7D9J	Yes	Yes	No	No
J4MQYN	Yes	Yes	No	No	KAW7JX	Yes	Yes	No	No
J7TCKT	Yes	Yes	No	No	KCWHVP	Yes	Yes	No	No
J7U22J	Yes	Yes	No	No	KDM4PV	Yes	Yes	No	No
J82TYL	Yes	Yes	No	No	KDWEPT	Yes	Yes	No	No
JC3D3Q	Yes	Yes	No	No	KFFKW3	Yes	Yes	No	No
JCYZAM	Yes	Yes	No	No	KH38JN	Yes	Yes	No	No
JF73MY	Yes	Yes	No	No	KHCF8P	Yes	Yes	No	No
JGVDKR	Yes	Yes	No	No	KJFL6D	Yes	Yes	No	No
JJG78U	Yes	Yes	No	No	KL3HAW	Yes	Yes	No	No
JMV2PC	Yes	Yes	No	No	KNLPKD	Yes	Yes	No	No
JQJB8Q	Yes	Yes	No	No	KPGKEW	Yes	Yes	No	No
JRW3XM	Yes	Yes	No	No	KQDDCL	Yes	Yes	No	No
JUCNDM	Yes	Yes	No	No	KQTMEU	Yes	Yes	No	No
JUZMY2	Yes	Yes	No	No	KRRZPU	Yes	Yes	No	No
JVA8TQ	Yes	Yes	No	No	KUR8XK	Yes	Yes	No	No
JW6BEQ	Yes	Yes	No	No	KWZPAH	Yes	Yes	No	No
JXGLZW	Yes	Yes	No	No	KXAHWA	No Interp	No Interp	No	No Interp
JZ9WDP	Yes	Yes	No	No	L6A3QH	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
LA4WW7	Yes	Yes	No	No	MGWX3A	Yes	Yes	No	No
LAZJ3H	Yes	Yes	No	No	MGZBWX	Yes	Yes	No	No
LFBMYC	Yes	Yes	No	No	MJ64NB	Yes	Yes	No	No
LM74GN	Yes	Yes	No	No	MJMWG9	Yes	Yes	No	No
LMTTX6	No Interp	No Interp	No	No	MKY29Y	Yes	Yes	No	No
LMUTUX	Yes	Yes	No	No	MM3YEK	Yes	Yes	No	No
LNHBQP	Yes	Yes	No	No	MQNXB9	Yes	Yes	No	No
LQ8TQP	Yes	Yes	No	No	MXA4NM	Yes	Yes	No	No
LURBGM	Yes	Yes	No	No	MY34M7	Yes	Yes	No	No
LVM44T	Yes	Yes	No	No	MYHECY	Yes	Yes	No	No
LWGXVW	Yes	Yes	No	No	MYWMJD	Yes	Yes	No	No
LWZLB7	Yes	Yes	No	No	MZEFR3	Yes	Yes	No	No
LX763L	Yes	Yes	No	No	MZUZDL	Yes	Yes	No	No
LXN9JY	Yes	Yes	No	No	N2VHFL	Yes	Yes	No	No
LXTL7V	Yes	Yes	No	No	N7EJU7	Yes	Yes	No	No
LZFZV6	Yes	Yes	No	No	N86UJE	Yes	Yes	No	No
M29VXM	Yes	Yes	No	No	NAU6A8	Yes	Yes	No	Inc
M2KAXM	Yes	Yes	No	No	NC9ALC	Yes	Yes	No	No
M49TVD	Yes	Yes	No	No	NCJTWM	Yes	Yes	No	No
MCARZA	Yes	Yes	No	No	NDDZEK	Yes	Yes	No	No
MDG9VK	Yes	Yes	No	No	NDWB3E	Yes	Yes	No	No
MDYATU	Yes	Yes	No	No	NFYM6L	Yes	Yes	No	No
MFQ7JA	Yes	Yes	No	No	NGD8XW	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NHXRYM	Yes	Yes	No	No	PMV27D	Yes	Yes	No	No
NJHUE8	Yes	Yes	No	No	PMYEZ2	Yes	Yes	No	No
NKE6DV	Yes	Yes	No	No	PPYWPG	Yes	Yes	No	No
NMXYRQ	Yes	Yes	No	No	PTPQWJ	Yes	Yes	No	No
NQ2ZAT	Yes	Yes	No	No	PUDAUB	Yes	Yes	No	No
NQ6HCX	Yes	Yes	No	No	PYBURT	Yes	Yes	No	No
NQNAFG	Yes	Yes	No	No	Q38VCL	Yes	Yes	No	No
NTCQPP	Yes	Yes	No	No	Q4VXVA	Yes	Yes	No	No
NVQA3L	No	Yes	No	No	Q4XVGK	Yes	Yes	No	No
NVYGN9	Yes	Yes	No	No	Q6GQA8	Yes	Yes	No	No
NW67GJ	Yes	Yes	No	No	Q73QWG	Yes	Yes	No	No
NWTALR	Yes	Yes	No	No	Q7PY7K	Yes	Yes	No	No
NYBKB4	Yes	Yes	No	No	QD4XLH	Yes	Yes	No	No
NZPV8N	Yes	Yes	No	No	QGT8WJ	Yes	Yes	No	No
P22WXG	Yes	Yes	No	No	QHJD6G	Yes	Yes	No	No
P2FC3G	Yes	Yes	No	No	QLX9PL	Yes	Yes	No	No
P6UA9J	Yes	Yes	No	No	QP4AHK	Yes	Yes	No	No
P8KN7N	Yes	Yes	No	No	QT3NWL	Yes	Yes	No	No
PB3LBB	Yes	Yes	No	No	QT4T3H	Yes	Yes	No	No
PJ3QJU	Yes	Yes	No	No	QTPYQN	Yes	Yes	No	No
PJGBB6	Yes	Yes	No	No	QU9A8F	Yes	Yes	No	No
PKCQPM	Yes	Yes	No	No	QUDMZ4	Yes	Yes	No	No
PMK48N	Yes	Yes	No	No	QV78CN	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
QW4UDD	Yes	Yes	No	No	RY4EJK	Yes	Yes	No	No
QW7JFP	Yes	Yes	No	No	RZFMJR	Yes	Yes	No	No
QXH78C	Yes	Yes	No	No	T3HHM8	Yes	Yes	No	No
QZ63DG	Yes	Yes	No	No	T3K86B	Yes	Yes	No	No
QZYAFN	Yes	Yes	No	No	T47L7L	Yes	Yes	No	No
R33R6N	Yes	Yes	No	No	T6269M	Yes	Yes	No	No
R39ZHH	Yes	Yes	No	No	T7622C	Yes	Yes	No	No
R7GYFN	Yes	Yes	No	No	T8E4RG	Yes	Yes	No	No
R7Z9J4	Yes	Yes	No	No	TDWD38	Yes	Yes	No	No
R8UCFE	Yes	Yes	No	No	TEA6VN	Yes	Yes	No	No
R8XL3P	Yes	Yes	No	No	TENNJR	Yes	Yes	No	No
RC73DY	Yes	Yes	No	No	TEXANN	Yes	Yes	No	No
RDKCPK	Yes	Yes	No	No	TFNNLD	Yes	Yes	No	No
RJ2LGA	Yes	Yes	No	No	TGZC8X	Yes	Yes	No	No
RJPMQ7	Yes	Yes	No	No	THT9U7	Yes	Yes	No	No
RLWFRD	Yes	Yes	No	No	TK33NK	Yes	Yes	No	No
RLWQ92	Yes	Yes	No	No	TK6VE7	Yes	Yes	No	No
RMNTVG	Yes	Yes	No	No	TL72F6	Yes	Yes	No	No
RNKGLM	Yes	Yes	No	No	TPV262	Yes	Yes	No	No
RPQ4W7	Yes	Yes	No	No	TQ6F6F	Yes	Yes	No	No
RQFEE9	Yes	Yes	No	No	TR2PH7	Yes	Yes	No	No
RV67A9	Yes	Yes	No	No	TYYJDJ	Yes	Yes	No	No
RWYQ7F	Yes	Yes	No	No	TYYTEB	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
U3DQKC	Yes	Yes	No	No	V6ZF79	Yes	Yes	No	No
U4NWF	No	Yes	No	No	V792V3	Yes	Yes	No	No
U6Y3AM	Yes	Yes	No	No	V92QFJ	Yes	Yes	No	No
U7F8XD	Yes	Yes	No	No	V9JC6L	Yes	Yes	No	No
U88BH8	Yes	Yes	No	No	VBN7MB	Yes	Yes	No	No
U9K394	Yes	Yes	No	No	VCFRX9	Yes	Yes	No	No
UAXM7J	Yes	Yes	No	No	VDQV2D	Yes	Yes	No	No
UJ7WVX	Yes	Yes	No	No	VENC89	Yes	Yes	No	No
UJGKVJ	Yes	Yes	No	No	VJZ3PW	Yes	Yes	No	No
UJYB3H	Yes	Yes	No	No	VK89MD	Yes	Yes	No	No
UKAYB2	Yes	Yes	No	No	VMYPXR	Yes	Yes	No	No
UMLE63	Yes	Yes	No	No	VMZAY9	Yes	Yes	No	No
UN9UW4	Yes	Yes	No	No	VPAFDM	Yes	Yes	No	No
UNTVYR	Yes	Yes	No	No	VWZMQF	Yes	Yes	No	No
URZ6E4	Yes	Yes	No	No	VXKHYN	Yes	Yes	No	No
UTQF3B	Yes	Yes	No	No	VXZZKG	Yes	Yes	No	No
UVU9YV	Yes	Yes	No	No	VYB8YP	Yes	Yes	No	No
UW9NEG	Yes	Yes	No	No	VZ63F8	Yes	Yes	No	No
UYGTWC	Yes	Yes	No	No	W2TJXY	Yes	Yes	No	No
UYW9W7	Yes	Yes	No	No	W3PPM7	Yes	Yes	No	No
V3LLZ2	No Interp	Yes	No	No	W4469J	Yes	Yes	No	No
V3XHVf	Yes	Yes	No	No	W4HT2Y	Yes	Yes	No	No
V42BC8	Yes	Yes	No	No	W6B7MK	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
W8362J	Yes	Yes	No	No	X8TBPT	Yes	Yes	No	No
W9BUBZ	Yes	Yes	No	No	X8VURB	Yes	Yes	No	No
W9YURC	Yes	Yes	No	No	X8XLRR	Yes	Yes	No	No
WC86X7	Yes	Yes	No	No	XGKFX9	Yes	Yes	No	No
WD7N7F	Yes	Yes	No	No	XGQW68	Yes	Yes	No	No
WDAY9E	Yes	Yes	No	No	XHUKDH	Yes	Yes	No	No
WDMUAC	Yes	Yes	No	No	XJ8PZ2	Yes	Yes	No	No
WE2BU6	Yes	Yes	No	No	XJTRRG	Yes	Yes	No	No
WGNTQW	Yes	Yes	No	No	XKMFBC	Yes	Yes	No	No
WJV8GB	Yes	Yes	No	No	XKMKG9	Yes	Yes	No	No
WКУ3BE	Yes	Yes	No	No	XN4UNK	Yes	Yes	No	No
WКУ6ZJ	Yes	Yes	No	No	XNJ7BW	Yes	Yes	No	No
WN4J7W	Yes	Yes	No	No	XQ7CPG	Yes	Yes	No	No
WQC7VG	Yes	Yes	No	No	XXADUG	Yes	Yes	No	No
WR9GT6	Yes	Yes	No	No	XXNA9E	Yes	Yes	No	No
WTZ4EM	Yes	Yes	No	No	XXTG3V	Yes	Yes	No	No
WXELRW	Yes	Yes	No	No	Y7F3XK	Yes	Yes	No	No
WXY9G8	Yes	Yes	No	No	Y7HT7N	Yes	Yes	No	No
WYPJ7E	Yes	Yes	No	No	Y8FUJ8	Yes	Yes	No	No
X2M2LZ	No	Yes	No	No	YBBCD8	Yes	Yes	No	No
X4EF8B	Yes	Yes	No	No	YBUF3D	Yes	Yes	No	No
X76RW9	Yes	Yes	No	No	YD4GCR	Yes	Yes	No	No
X7PDPY	Yes	Yes	No	No	YDXQ2G	Yes	Yes	No	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YFLYVV	Yes	Yes	No	No	ZRWQB	Yes	Yes	No	No
YHNTUZ	Yes	Yes	No	No	ZW7Z7R	Yes	Yes	No	No
YKK4XF	Yes	Yes	No	No	ZYCFMV	Yes	Yes	No	No
YLN4PZ	Yes	Yes	No	No	ZYZNWF	Yes	Yes	No	No
YM47W9	Yes	Yes	No	No					
YMMGK3	Yes	Yes	No	No					
YN2BQA	Yes	Yes	No	No					
YNMVD9	Yes	Yes	No	No					
YQAGY4	Yes	Yes	No	No					
YRF4C9	Yes	Yes	No	No					
YWCQ7W	Yes	Yes	No	No					
YWG29V	Yes	Yes	No	No					
YYJ277	Yes	Yes	No	No					
YZACVE	Yes	Yes	No	No					
Z2LGWA	Yes	Yes	No	No					
Z7RLGB	Yes	Yes	No	No					
Z9YWJ7	No Interpretations Reported, DNA Analyzed for Database purposes only.								
ZBAB97	Yes	Yes	No	No					
ZCLB8G	Yes	Yes	No	No					
ZGYNCE	Yes	Yes	No	No					
ZKFG43	Yes	Yes	No	No					
ZQJYGZ	Yes	Yes	No	No					
ZRJYL7	Yes	Yes	No	No					

DNA Interpretation**Response Summary****Participants reporting DNA results: 575**

Based on the results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect be a contributor to the questioned stains (Items 3 & 4)?

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	560	566	0	0
No	3	0	567	567
Inc	1	0	3	1
No Interpretation	9	7	3	5
No Response	1	1	1	1

Participants analyzing DNA for database purposes only: 1

Additional Comments

TABLE 8

WebCode	Additional Comments
22FAJF	NR = no results. Y-STR analysis was not performed on item 1.
23DNU7	Item 3: There were trace additional alleles also present in the epithelial fraction which were consistent with alleles detected in the sperm fraction of this sample. Items 3 and 4: These samples were also amplified using the Minifiler amplification kit. The results were not used in the interpretation of the results however were consistent with results obtained using the Identifiler Plus profiling kit.
247MRQ	A qualified Forensic Biologist performed all screening tests. DNA analyst reviewed and interpreted the male screen results. AP semen screening test inconclusive for item #4 - unable to distinguish color change due to RB staining. Item 3 underwent differential extraction. Victim was contributor to epithelial fraction, but not sperm fraction. NR = No Results
279FXH	[Initials] performed data interpretation only; screening and DNA performed by another qualified DNA analyst ([Initials]). [Initials] 08-19-21.
2BMBFZ	NR = No results
2DAP9G	Not currently released to perform DNA analysis.
2GBLZW	Y-STRs only were conducted
2J2WP4	NR = No Results. ** = May be attributed to elevated stutter.
2QGN2N	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
2TPNDH	DNA was performed for technician purposes therefore no DNA interpretations were made. NR = No Results. No YFP performed on known female sample Item 1.
37TLE	Per lab SOP, the additional types obtained on Item 3A EF (DYS393 allele 12 and DYS635 allele 20) would be conservatively reported as possible minor alleles or artifacts such as elevated stutter. These additional types would have no significant impact on my interpretation. The predominant profile obtained would be used for drawing conclusions and performing statistical analysis. Based on the case scenario and quantitation results items 1A and 4A did not proceed to amplification/detection.
39F4YT	Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
3E4V3F	"TAK" abbreviation listed in the screening tab [Table 1] is Takayama. No DNA analysis performed. Analyst only qualified in serology.
3FCMZH	NR=No result. 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.
3JBXVH	NR = no results
3MBKWE	Reporting results with stutter filters on.
3PMGAB	A/TAs present in item B4-3: Epithelial Fraction - 15 at D19S433, 11 at D5S818, 13 at D10S1248, and 14 at D1S1656; Sperm/Substrate Fraction - 11 at CSF1PO, and 16 at D22S1045.
3TLNQM	Not released to perform DNA; items 1 and 2 not analyzed. Serology only performed on items 3 and 4.
3TYCRE	NR= No Results. Item 1 (female known) not analyzed for Y-STRs.
3VNZDA	--- - Indicates possible missing genetic information
3WYNNE	NR = no results. Item 1 (female) was not amplified with Y-Filer Plus.
4AJHKP	This lab does not perform Y-STR or mito DNA testing. Analysis performed with stutter filters on.

TABLE 8

WebCode	Additional Comments
4EE2VB	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
4EJM4	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.
4LHHGW	For Powerplex Fusion results, DYS391 is reported as "INC" per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
4UB6QM	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
4UU6G6	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.
4WL6T9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
4XA9XU	According to our Procedure for the Interpretation of Electropherograms: Mix type A: It is not possible to identify a major or minor contributor because the proportions of the contributors are very similar, they are above the stochastic threshold.
6BVLNF	Exhibit 3 exhibited sperm fraction carryover into epi fraction.
6PNTKB	Our lab does not perform serology testing. As a result, if an incident doesn't indicate which samples are suspected of containing semen, differentials are performed on all tested samples. The non-sperm fraction of item 3 contains a mixture, this could be due to carry over from the sperm fraction or from a non-sperm source of DNA. The sperm fraction of item 3 contains a mixture. This is most likely due to carry over from the non-sperm fraction. The sperm fraction of item 4 contains DNA. This is most likely due to carry over from the non-sperm fraction.
6QPZ94	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
6RJJ7B	Results reported with Stutter filters on
6Z86ZU	Extraction: Item 1 and Item 2 were extracted using chelex extraction method, Item 3 was extracted using differential chelex extraction method and Item 4 was extracted using QIASymphony SP DNA Investigator kit (bloodstain extraction method). Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA kit on RT-PCR QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using Globalfiler PCR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of Globalfiler was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3500xl for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM: non-male profile.
6ZT9J9	Reported/listed alleles for evidence samples includes stutter peaks. Our laboratory does not report major/minor components when using PG software.

TABLE 8

WebCode	Additional Comments
76M4HZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
7HN268	Reporting results with stutter filters on.
7HUCXX	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.
86DZRE	Reporting STRmix results with stutter filters on. Carryover from sperm fraction is observed in epi fraction of Item 3.
8BBAM2	Results were consistent across multiplex kits at the loci in common. There were minor alleles detected in the epithelial fraction that were consistent with the DNA profiling results in the sperm fraction. The Identifiler Plus amplification of items 3 and 4 was also undertaken at low template conditions. These results were consistent with the standard DNA profiling results.
8DBVQC	NR=NO RESULTS
8EN9K2	NR=no result
8KAALL	Test completed for DNA testing only- technician is not trained in serology. Extraction and quantitation performed by [Name] (DNA technician). Amplification, electrophoresis, interpretation, and reporting performed by [Name]. [Name]
8L7G9X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
8LTZ7R	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: at vWA the 18 allele and at D22S1045 the 17 allele.
8Q2FG2	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
8QJ8QL	NR = No Result. Item #2 was amplified with both GF and GFE, the results were concordant. All serological testing was performed by a member of the Forensic Biology Unit. An incomplete YFP profile was developed from item 3 epithelial fraction. This result is consistent with carry over from the sperm fraction where a complete profile was developed.

TABLE 8

WebCode	Additional Comments
8QRCD4	We differentiated female and male DNA from sample item 3 by using different DNA extraction methods. A-STR and Y-STR clearly distinguished male and female DNA through isolated DNA, but mtDNA showed a male/female mixture in some sequences. In item 3, female DNA was dominant, and male DNA was relatively weak. Therefore, we recorded major peaks except for minor peaks in item 3
9EFP23	reporting with stutter filters on
9EZZNW	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ 7500 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFLSTR™ Identifiler™ Plus PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 2 and Item 3 were amplified using the Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed using GeneMapper™ ID-X Software v1.5. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results.
9FRRZ3	Minifiler/Fusion/Yfiler was performed on Items 1, 2, 3, and 4. Results were concordant at all overlapping loci. Yfiler/LCN Yfiler was performed on Item 3. Results were concordant at all overlapping loci.
9HZ77N	DYS391 Fusion results are reported as inconclusive (INC) for all samples tested as per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
9JR3W3	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
9RQY3Y	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.
9UA6A9	No DNA analysis performed on items 1-4. Analyst only qualified/authorized to perform serological analysis at this time.
9UR4HZ	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.
9UWKGY	reporting results with stutter filters on
9VQBX Y	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.
A2RURH	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. N/A - indicates not applicable.
A4FCN9	No DNA analysis performed. Analyst only qualified in serology.
A4RPTQ	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.

TABLE 8

WebCode	Additional Comments
A7JKY9	NR = No Result. NT = Not Tested. Note: 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.
AJBP6P	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
AKLJVX	reporting results with stutter filters on
APDPCL	Test completed for DNA testing only- technician is not trained in serology. Extraction and quantitation performed by [Name] (DNA technician). Amplification, electrophoresis, interpretation, and reporting performed by [Name]. [Name]
AZF6Y6	reporting results with stutter filters on
B8ANXE	Proficiency Test was performed for Y-STRS only. For this reason, the female known was not examined and Item #4 was not Y-STR profiled due to negative male DNA on quantitation. In the DNA Interpretation section, the male suspect (Item 2) was determined not to be a contributor to Item 4 due to no male DNA being detected on the quantitation run.
B8RGW3	No profile interpretations performed. Proficiency used for screening through DNA quantification and automated sample processing purposes only.
BKET47	STRmix results reported with stutter filters on
BNFYKX	reported with stutter filters on
BPZG78	Item 3: male DNA profile in sperm fraction has imbalance at Amelogenin.
BTBUCW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
BTVE7H	For item 3, the suspect is excluded from the sperm fraction. For item 3, there is an indeterminate minor contributor in the non-sperm fraction of the sample. Therefore, the suspect can not be included nor excluded. [Name] 9/7/2021 Forensic Scientist II
BVWDLG	Reporting with stutter filters on
BYZ986	Reporting results with stutter filters on
CKW6FJ	Test completed for DNA testing only - analyst is not trained in serology. [Name] 9/1/21
CP6P73	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
CTCU9Q	The 13 allele reported at CSF1PO for Item 4 is in an elevated stutter position but was not filtered with the laboratory analysis software. Per laboratory protocol, it was modeled as an N+4 stutter peak versus a true minor allele and evaluated with the rest of the profile interpretation using probabilistic genotyping software.
CWNWUL	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
D8Z6WZ	PPFusion and Yfiler were performed on Item 1. Results were concordant for DYS391. PPFusion, Yfiler, and Modified Yfiler (LCNY) were performed on Item 2. Results were concordant for all overlapping loci. PPFusion, Yfiler, and Modified Yfiler (LCNY) were performed on Item 3. Results were concordant for all overlapping loci. PPFusion and Minifiler were performed on Item 4. Results were concordant for all overlapping loci.
DCYRXV	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.

TABLE 8

WebCode	Additional Comments
DDBLL9	Reporting STRmix results with stutter filters on and sperm/epi carryover
DE6EBZ	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
DKANQN	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 was extracted using QIAAsymphony DNA Investigator Kit (differential extraction method). Item 4 was extracted using QIAAsymphony DNA Investigator Kit (bloodstain extraction method). Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification kit on RT-PCR QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3500xL for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM - non male.
DVEAYT	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
DXCE9L	For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. For PowerPlex Fusion results, DYS391 is reported as INC per laboratory policy.
E2HDKL	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component
E3PVHG	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
E8V6A6	NR = no DNA typing results obtained for this locus.
EHFRQD	reporting with stutter filters on
EJDRGK	Extraction: Item 1&2 were extracted using chelex method. Item 3(differential) & 4(bloodstains) were extracted using Qiasymphony DNA Investigator Kit. Quantification: Item 1,2,3&4 were quantified using Quantifiler Trio DNA Quantification kit on RT-PCR Quantstudio 5. Amplification: Item 1,2,3&4 were amplified using Globalfiler STR Kit on 9700 GeneAmp PCR. Y-STR amplification was carried out on Item 2&3 using AmFLSTR Y-Filer kit on 9700 GeneAmp PCR. Electrophoresis: Electrophoresis for Item 1,2,3&4 was carried out on Genetic Analyzer 3500xl. Quality Control: Reagent Blank, Positive & Negative Control were run together throughout the analysis. NM = Non Male
EL3JN2	NR=No results, Female item 1 was not analyzed for Y-STR DNA
ELYD8M	NR = no results
ERBPMU	Please note the extra results observed for Identifiler in item 3e can be explained by carry over from item 3sp
F39V2D	NR = No Results. The forensic biologist performed the all screening tests reported. The DNA technician performed KM testing, extraction, quantitation, amplification and detection of the DNA profiles. The DNA analyst performed the data analysis and interpreted the results.
F6Q8MV	reporting results with stutter filters on
F9EMCV	STRmix Decon contributor weights for 3E: 96:4 (Female Victim Assumed 96%)
FF9R8R	Analyzing data with stutter filters on
FJ97KA	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
FNJ9KJ	NR = No DNA Results

TABLE 8

WebCode	Additional Comments
FWCKER	Reporting results with stutter filters on.
FXW7JP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
FYHY47	Reporting STRmix results with stutter filters on. Item 3 (sperm fraction) carry over into Item 3 (epithelial fraction).
G2L4BY	Reporting with stutter filters on.
G8MF6B	Reporting with stutter filters on.
GHD766	NR= No result
GP9DGJ	NR = No typing results
GTTQ9E	Test completed for DNA testing only-analyst is not trained in serology. 090121[Initials]. Non-sperm fraction GTTQ9E.3ANS resulted in an indeterminate minor contributor, so the suspected cannot be included nor excluded from that portion of the sample. 090621 [Initials]
GZB48D	Test completed for DNA testing only- analyst is not trained in serology. [Initials] 09/01/21
HTB67F	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HX8MRM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. With respect to Item 3 (sperm fraction), the likelihood ratio results for the victim (Item 1) and suspect(Item 2) are limited support for exclusion. The result will be reported as an exclusion for the suspect from Item 3 for the CTS proficiency test (victim is a contributor to the non-sperm fraction of Item 3).
J7U22J	** = May be attributed to stutter
JQJB8Q	Exhibit 4: AP test inconclusive due to difficulty in accurately detecting a color change as a result of the substrate color
JZ9WDP	-- =possible additional genetic information may be present. Exhibit# 3Q1x1/3Q1x2: No additional peaks were detected; detected data is below stochastic threshold.
K6VB9A	Reporting STRmix results with stutter filters on. Carryover from the sperm fraction is observed in the epithelial fraction.
K9Q9C7	Reporting with stutter filters on
KFFKW3	Reporting STRmix results with stutter filters on. Results for Item 3epi are consistent with Item 1 and carry-over from Item 3sp.
L6A3QH	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
LMTTX6	YSTR testing only proficiency test. Item 3e - DYS389-II, noted the presence of 28 allele below reporting level. Not reported in 3e fraction. Suspect (Item 2) is not a contributor to question stain #4 based upon DNA quantitation results. (no male DNA)
LURBGM	-- Possible additional genetic information may be present. No additional peaks were detected; detected data is below the stochastic threshold. [] Minor allele. The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
LWZLB7	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
LXTL7V	NR = No results; Item 1 not analyzed for Y-STRs; No Y-STR DNA profile obtained for Item 4; Mitochondrial DNA analysis not performed by this laboratory
MDG9VK	[-] used to represent that possible additional genetic information may be present. No additional peaks were detected; detected data is below the stochastic threshold, or overall level of minor contributor is below the stochastic threshold.
MGZBWX	Reporting STRmix results with stutter filters on. Carryover in Item 3 (epithelial fraction) from Item 3 (sperm fraction).
MJMWG9	reporting with stutter filters on
MY34M7	Reporting results with stutter filters ON. This laboratory does not conduct Y-STR or mtDNA testing.
MZEFR3	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
MZUZDL	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
N7EJU7	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
NAU6A8	Item 4: The results for the suspect are inconclusive due to a single, reproducible, minor allele at the D5S818 locus. [Name] 9/2/2021
NC9ALC	Following alleles are listed as artifact/true allele without stutter according to laboratory guidelines: Q35E Item 3 D1S1656 = 14. Q35Sub Item 3 D3S1358 = 14; D10S1248 = 14; D1S1656 = 15; D12S391 = 19. The following allele was struck as elevated +/- stutter: Q35Sub Item 3 D22S1045 = 16.
NDDZEK	reporting results with stutter filters on
NHXRYM	NR= NOT REPORTABLE
NQ6HCX	Item 3 (epithelial portion)carry over from Item 3 (sperm portion). Reporting STRmix results with stutter filters on.
NQNAFG	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.
NVQA3L	According to our laboratory genetic profiles interpretation analysis policies, the genetic profile amplified from Item 3 is reported as a single male profile, therefore it is excluded as a contributor to Item 1. The profile amplified from the differential extraction (epithelial cells) does include Item 1 but is not reported.
NZPV8N	Analyzed with stutter filters on

TABLE 8

WebCode	Additional Comments
P2FC3G	Item 3 is a mixture of body fluids. Mitochondrial DNA sequence analysis is not conducted on mixture samples.
P8KN7N	Item 4 amplified with MiniFiler; concordance with GlobalFiler at all overlapping loci. NR = No Results
PB3LBB	The following STR and Y-STR DNA profiles have been entered into the COmbined DNA Index System (CODIS) database in accordance with local, state, and national regulations where regular searches will be performed: the reference DNA profile from the Victim (EX 01-1), the reference DNA profile from the suspect (EX 02-1), and the sperm fraction from the yellow pajama top (EX 03-1S).
PJGBB6	Mito and Y testing not done at this lab. Reporting results with stutter filters on.
Q4XVGK	Results reported with stutter filters on
Q6GQA8	Probabilistic Genotyping Results: Note: Inclusions and Exclusions were conducted by the analyst prior to using the STRmix software. STRmix was used to calculate a likelihood ratio on the following using the respective propositions: Item 3f1: 1s_UU. Item 4: 1s_U. NID - No interpretable data. INC - Inconclusive. Locus D2S1338 from item 1 was deemed inconclusive because of allelic dropout, this Locus was not used for comparisons.
QGT8WJ	NR = Not reportable
QP4AHK	For item 3 (epithelial fraction), in addition to the female DNA profile obtained, a few low level DNA profiling results were also obtained which correspond with the DNA profile obtained from the sperm fraction of item 3. As these results are likely due to incomplete separation of the epithelial and sperm fractions during the differential extraction, these low level results were not reported (on page 5 of this report [Table 2]). The Y STR DNA profile reported (on page 5 of this report [Table 2]) for item 3 (epithelial fraction) may also relate to this incomplete separation of fractions. For item 4, whilst Y STR testing was undertaken using the Y Filer Plus kit, no male DNA was detected and no Y STR profiling results were obtained from this sample. The DNA profiles obtained from Minifiler testing of items 3(epithelial and sperm fractions) and item 4 were concordant with the results of the Identifiler Plus testing of these samples
QW4UDD	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.
QYLKBQ	Serology only.
QZ63DG	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. There was one additional allele detected in the Y-STR profile of Item 3 e at DYS385. Due to the limited data available, no additional conclusions can be made regarding the source of this allele.
RMNTVG	Reporting results with stutter filters on
RQFEE9	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
RV67A9	Sample B4-3, Sp/Sub fraction, locus D12S391, allele call 19 could be an artifact or true allele. If the allowable maximum stutter percentage were subtracted, the resulting peak height would be under the analytical threshold per current SOP. Potential minor allele 19 has been removed from the submitted CTS allele table. Potential minor allele 19 was noted to be consistent with differential carryover. The minor component is still eligible for comparisons.
RZFMJR	NR=no DNA typing results at this locus

TABLE 8

WebCode	Additional Comments
T3K86B	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.
TEA6VN	reporting results with stutter filters on
TGZC8X	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
TK33NK	In item 3 sp, there was an extra peak @ D1 assumed to be drop-in (may be from carry-over from NSF) and the profile was deconvoluted as a single contributor.
TK6VE7	Item 3 D22S1045: By laboratory protocol, allele 17 is an artifact/true allele (A/TA) as it falls below analytical threshold when stutter is removed. Item 3 D22S1045: Allele 16 struck as elevated forward/back stutter
U3DQKC	Extraction: Item 1, Item 2 and and Item 4 were extracted using PREPFILER EXPRESS. Item 3 was extracted using Chelex Differential Extraction. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA quantitation kit and carried out by 7500 Real-Time PCR. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 3 were amplified using AMPFLSTR Yfiler Kit on 9700 GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control, and negative control were carried out along with the analysis and all gave the intended results.
U4NWF	According to our laboratory genetic profiles interpretation analysis policies, the genetic profile amplified from Item 3 is reported as a single male profile, therefore it is excluded as a contributor to Item 1. The profile amplified from the differential extraction (epithelial cells) does include Item 1 but is not reported.
U6Y3AM	Results reported with stutter filters on
U88BH8	NR=No Result. **=possible elevated stutter.
UJ7WVX	Part 1: All screening tests were performed by a member of the Forensic Biology unit. AP testing for item #4 was inconclusive. Part 2: NR = no results
UJGKVJ	NR=no results, Item 4 was tested in GlobalFiler and MiniFiler, GlobalFiler and MiniFiler are concordant
URZ6E4	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate a likelihood ratio on the following propositions: Item 3-Fraction 1: 1sU_UU. Item 3-Fraction 2: 1sU_UU. Fraction 2 likelihood ratio reflective of evidence- partial profile is carry over from fraction 1. Likelihood ratio reflective of alleles only at 4 loci. Could not exclude item 1 from profile. Item 4- 1s_U. NID- No interpretable data.
UTQF3B	** = Possible elevated stutter
UYW9W7	NR = NO RESULTS. Item 3.1-SF amped max.
V6ZF79	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
V7C4FL	Items 1 and 2 were not analyzed. TAK = Takayama. No DNA analysis performed. Analyst only qualified in serology.
VENC89	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results. ALS results inconclusive for Item 3 due to the background color of the fabric.
VJZ3PW	NR = No Results. All screening tests were performed by a qualified Forensic Biologist. Y-screen analysis was performed by the DNA Analyst.
VMYPXR	carryover observed between fractions of Item 3; (minor alleles) for sp fraction; STRmix used; stutter filters used
VXZZKG	Results reported with stutter filters on.
VYB8YP	A "NR" in the table of results indicates no typing results were obtained for the sample at that locus. A "NT" in the table of results indicates the sample was not tested at this locus.
W2TJXY	reporting with stutter filters on
W3PPM7	NR = No Result
W6B7MK	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. NR = No result.
W9BUBZ	Reporting with stutter filters on
WDMUAC	stutter filters on
WJV8GB	"--" notation in allelic results table denotes stochastic level data; no additional peaks were detected (detected data was below stochastic threshold). Acid phosphatase test for item 4 was inconclusive due to the substrate color possibly masking color change.
WKU6ZJ	NR = no results. Sample 3e was not amplified by YFP. DNA analyst reviewed and interpreted the male screen results. Male screen testing performed by Forensic Biologist. KM testing performed by DNA technician.
X8XLRR	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
XHUKDH	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.
XJ8PZ2	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 was extracted using QIASymphony DNA Investigator Kit (differential extraction method). Item 4 was extracted using QIASymphony DNA Investigator Kit (bloodstain extraction method). Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification kit on RT-PCR QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of GlobalFiler was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3500xL for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM - non male.
XNJ7BW	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
XXNA9E	Reporting results with stutter filters on

TABLE 8

WebCode	Additional Comments
XGTG3V	[]-indicates minor alleles and alleles between analytical and stochastic thresholds.
Y7HT7N	Carryover from sperm fraction in the epithelial fraction of Item 3. Report STRmix results with stutter filters on.
YBBCD8	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3(sp) using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 3(sp). Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
YD4GCR	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
YWG29V	GMIDX analysis was performed with stutter filters on. This laboratory does not perform Y-STR or mitochondrial DNA analysis.
ZW7Z7R	reporting with stutter filters on

-End of Report-
(Appendix may follow)

Test No. 21-5704: Forensic Biology

DATA MUST BE SUBMITTED BY **Sept. 7, 2021, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: EDR3DV

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:

A female victim reports to a local police department that she was sexually assaulted the previous night. The female victim states that her male neighbor broke into her house in the middle of the night. The suspect then entered her bedroom where he sexually assaulted her and hit her several times in the face. After, the suspect fled out the back door. Investigators are submitting stains from the yellow pajama top the victim was wearing (Item 3) and a blue shirt (Item 4) believed to have been worn by the suspect during the incident. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B4):

Item 1: Known blood from female victim

Item 2: Known blood from male suspect

Item 3: Questioned stain from pajama top (yellow)

Item 4: Questioned stain from shirt (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item 3:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II (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 the results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect be a contributor to the questioned stains (Items 3 & 4)?

<u>Victim (Item 1).</u>			<u>Suspect (Item 2).</u>		
	Item 3	Item 4		Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps only if your laboratory is accredited in this testing/calibration discipline by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)