



Forensic Biology Test No. 23-5701 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 669 participants and are compiled into the following tables:

Report Contents:	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>5</u>
<u>Key to Screening Results</u>	<u>6</u>
<u>Table 1: Serology Screening Results</u>	<u>7</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>43</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>399</u>
<u>Table 4: Additional DNA Results</u>	<u>443</u>
<u>Table 5: Mitochondrial DNA Results, HVRI</u>	<u>446</u>
<u>Table 6: Mitochondrial DNA Results, HVRII</u>	<u>450</u>
<u>Table 7: DNA Interpretations</u>	<u>454</u>
<u>Table 8: Additional Comments</u>	<u>464</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, 3 and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (50 μ l) and Item 4 (50 μ l) were created using blood from the same female donor. Item 2 (50 μ l) was created using blood 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 blood 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 January 04, 2023 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 and sealed. The sealed sample pack envelopes were then packaged in pre-labeled heat seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

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

Manufacturer's Information, continued

Amelogenin and STR Results						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	14,16	17,25	10,14	15,17	12,13	14,21.3
	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	NM	NM	NM	NM	
2	11,14	21,22	11,14	14,15	11,13	12,13
	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	2	
3	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3,24
	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19	2	
4	14,16	17,25	10,14	15,17	12,13	14,21.3
	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	NM	NM	NM	NM	

YSTR Results									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	11	17	20	21	23	9	12
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12	12	17	19	21	23	9	12

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

The nucleotide ranges provided below are the consensus results reported by at least 10 participants. The nucleotide ranges represent the range tested by a minimum of 75% of participants.

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16365
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 10 participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants. The base deviations represent those tested by a minimum of 75% of participants.

	73.0	146.0	153.0	198.0	235.0	263.0	309.1	309.2	315.1	16111.0	16126.0	16209.0	16223.0	16290.0	16319.0	16362.0
ITEM 1	G	C	G	T	G	G	C	C	C	T	C	C	T	T	A	C

	73.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	315.1	316.0	16086.0	16129.0	16187.0	16189.0	16223.0	16241.0	16278.0	16291.0	16294.0	16311.0	16360.0
ITEM 2	G	C	T	A	C	C	T	A	G	G	C	A	C	A	T	C	T	G	T	T	T	C	T

	73.0	146.0	153.0	198.0	235.0	263.0	309.1	309.2	315.1	16111.0	16126.0	16209.0	16223.0	16290.0	16319.0	16362.0
ITEM 4	G	C	G	T	G	G	C	C	C	T	C	C	T	T	A	C

Summary Comments

The 23-5701 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 and Item 4 were created using blood from the same female donor. Item 2 was created using blood from a male donor. Item 3 was created using a mixture of blood from the female donor used in Item 1 and blood from a male donor whose known standard was not provided. (See Manufacturer's Information for preparation details)

Data were returned by 669 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 633 participants. However, not all of these participants returned screening results for all fluids for both questioned items.

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

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

DNA Analysis Results:

A total of 628 participants reported DNA results. Nine participants selected the "No Interpretations" option individually for all interpretation questions and two participants stated that the samples were analyzed for database purposes only.

For the Item 3 stain, the interpretation breakdown is as follows: all participants included the victim (Item 1) while all but one participant excluded the suspect (Item 2) as a possible contributor. The remaining participant reported "Inconclusive."

For the Item 4 stain, the interpretation breakdown is as follows: all participants included the victim (Item 1) and excluded the suspect (Item 2) as possible contributors.

A total of 270 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. Based on the interpretations described above, these inconsistencies did not appear to affect participants' conclusions.

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
2283K7	Pos KM	Pos KM
22GWMP	Pos TMB	Pos TMB
22QVEZ	Pos KM, HemaTrace	Pos KM, HemaTrace
2B4UMK	Pos PTMB	Pos PTMB
2C26JM	Pos PTMB	Pos PTMB
2DUT2J	Pos PTMB	Pos PTMB
2E7P99	Pos PTMB	Pos PTMB
2FYHDB	Pos KM	Pos KM
2H67JG	Pos PTMB	Pos PTMB
2HUQKT	Pos KM	Pos KM, RSID Blood
2JQ48L	Pos TMB, HemaTrace	Pos TMB, HemaTrace
2MF2EA	Pos Hemastix, Hema-Trace	Pos Hemastix, Hema-Trace
2Q7PEB	Pos KM, HemaTrace	Pos KM, HemaTrace
2R6T7U	Pos KM	Pos KM, RSID
2RGNFC	Pos KM	Pos Blood
2RUUEK	Pos PTMB	Pos PTMB
2TPAXE	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
2TWQKY	Pos KM	Pos KM
2UNWPW	Pos KM, HemaTrace	Pos KM, HemaTrace
2VB2T3	Pos hemastix, HemaTrace	Pos hemastix, HemaTrace
2Z9HH6	Pos KM	Pos KM
2ZDL3E	Pos KM	Pos KM
32QDYJ	Pos KM	Pos KM
3BW7BH	Pos KM, HemaTrace	Pos KM, HemaTrace
3CC7W6	Pos KM, Haemaglobin	Pos KM, Haemaglobin
3DBZHQ	Pos KM	Pos KM
3DMWPF	Pos TMB, HemDirect	Pos TMB, HemDirect
3DRJFM	Pos TMB	Pos TMB
3ETUMH	Pos KM	Pos KM
3GJWVR	Pos KM	Pos KM
3HH66A	Pos TMB, HemaTrace	Pos TMB, HemaTrace
3JDH2J	Pos PTMB	Pos PTMB
3JMRCA	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3K7EGW	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
3PL2XQ	Pos KM	Pos KM
3QKZL2	Pos KM, HemaTrace	Pos KM, HemaTrace
3TYXBE	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3TZGP4	Pos KM	Pos KM
3UWTFM	Pos TMB, HemDirect	Pos TMB, HemDirect
3VH3M2	Pos KM	Pos KM
3W4D23	Pos TMB, HemDirect	Pos TMB, HemDirect
3XEFM2	Pos TMB	Pos TMB
3ZFBDK	Pos KM	Pos KM
3ZJUFL	Pos KM	Pos KM
3ZKRU3	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3ZZVEB	Pos PTMB; HemDirect	Pos PTMB; HemDirect
43CLAP	Pos PTMB	Pos PTMB
43DAQW	Pos KM	Pos KM, RSID
44K8WY	Pos KM	Pos KM
44V33R	Pos KM, RSID-Blood	Pos KM, RSID-Blood
46ZVLB	Pos PTMB	Pos PTMB
47KFTB	Pos KM	Pos KM
4884Y3	Pos KM, HemaTrace	Pos KM, HemaTrace
4BG6C4	Pos KM	Pos KM
4CPFWW	Pos TMB	Pos TMB
4FUELQ	Pos Hemastix, ABA HemaTrace Confirmatory	Pos Hemastix, ABA HemaTrace Confirmatory
4G6R89	Pos Visual exam, KM, HT	Pos Visual exam, KM, HT
4G7PDA	Pos KM	Pos KM
4HX6R7	Pos HEMA-TRACE	Pos HEMA-TRACE
4JB6ZE	Pos TMB	Pos TMB
4JJLDQ	Pos KM	Pos KM
4L7D8X	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
4LRNJD	Pos KM, HemaTrace	Pos KM, HemaTrace
4M22LM	Pos LMG	Pos LMG
4MGP6R	Pos KM	Pos KM
4PW63X	Pos TMB (Combur), KM	Pos TMB (Combur), KM
4QA4JW	Pos KM	Pos KM
4TVJM3	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
4WZKU2	Pos KM	Pos KM
4YFNAX	Pos KM, HemaTrace	Pos KM, HemaTrace
4ZZCYX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
64NLYW	Pos KM	Pos KM
692DAC	Pos LMG and HemaTrace	Pos LMG and HemaTrace
69QCQV	Pos O-tol	Pos O-tol
69YN6F	Pos KM	Pos KM
6AV2R9	Pos KM, HemaTrace	Pos KM, HemaTrace
6CVDFD	Pos LMG	Pos LMG
6EDRK3	Pos KM	Pos KM
6EKJZB	Pos KM	Pos KM
6HDBHP	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
6KDLAJ	Pos KM, RSID-Blood	Pos KM, RSID-Blood
6KVHHV	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
6LKWZD	Pos LMG, HT	Pos LMG, HT
6NB3EJ	Pos PTMB	Pos PTMB
6NRGEV	Pos KM	Pos KM, RSID
6PJC7F	Pos LMG	Pos LMG
6QXBD7	Pos KM	Pos KM
6RJ3Z4	Pos TMB, HemDirect	Pos TMB, HemDirect
6TVUXF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
6U6PQY	Pos KM	Pos KM
6UAGDK	Pos LMG	Pos LMG
6UNT8H	Pos TMB, HemDirect	Pos TMB, HemDirect
6V9UPX	Pos Phenolphthalein	Pos Phenolphthalein
6W83YK	Pos KM	Pos KM
6WVB7E	Pos TMB, HemDirect	Pos TMB, HemDirect
6WZX6F	Pos KM, HemaTrace	Pos KM, HemaTrace
6XF87Z	Pos Phenolphthalein	Pos Phenolphthalein
722ZHA	Pos PTMB	Pos PTMB
73MPRT	Pos KM, HemaTrace	Pos KM, HemaTrace
73NZRH	Pos PTMB	Pos PTMB
749UAT	Pos PHTH, HemaTrace, InfraRed Camera	Pos PHTH, HemaTrace, InfraRed Camera
77277Y	Pos Hemastix	Pos Hemastix
77ZX6Z	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
79RXFH	Pos TMB, HemaTrace	Pos TMB, HemaTrace
79UMJF	Pos KM, RSID	Pos KM, RSID
7ALMJC	Pos KM	Pos KM
7BZ6RU	Pos KM, HemaTrace	Pos KM, HemaTrace
7CEFME	Pos LMG	Pos LMG
7CQDPR	Pos KM	Pos KM, RSID
7GJEWH	Pos PTMB	Pos PTMB
7J8UCA	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
7KKC9Z	Pos KM	Pos KM
7LB2FZ	Pos TMB	Pos TMB
7MJDW2	Pos TMB, HemDirect	Pos TMB, HemDirect
7PHQHF	Pos KM, HemaTrace	Pos KM, HemaTrace
7PQL9V	Pos KM	Pos KM
7RE2R4	Pos PTMB	Pos PTMB
7ULKFB	Pos TMB, HemDirect	Pos TMB, HemDirect
7VJR4W	Pos Hemastix	Pos Hemastix
7VWDDM	Pos LMG, HemaTrace	Pos LMG, HemaTrace
87VHZ6	Pos TMB, Hemdirect	Pos TMB, Hemdirect
8889A9	Pos KM	Pos KM
8BQ3BF	Pos KM	Pos KM
8CWR8L	Pos LMG; HemaTrace	Pos LMG; HemaTrace
8KHVX9	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
8LYKDX	Pos Hemophan, FOB	Pos Hemophan, FOB
8N9ANV	Pos KM, LMG, RSID	Pos KM, LMG, RSID
8P2YBX	Pos ALS, KM	Pos ALS, KM
8UZ3FA	Pos TMB	Pos TMB
8VL7F3	Pos KM	Pos KM
8VQFHD	Pos KM	Pos KM
8VZPVM	Pos KM	Pos KM, RSID
8WBCRF	Pos KM	Pos KM
8Y967Q	Pos IR, KM, HemaTrace	Pos IR, KM, HemaTrace
8YT82F	Pos PTMB	Pos PTMB
8YTEYX	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
8YUTA8	Pos KM	Pos KM
942GPU	Pos ABACard HemaTrace	Pos ABACard HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9792B9	Pos TMB, HemDirect	Pos TMD, Hemdirect
97GWEE	Pos KM	Pos KM
98K2L3	Pos PTH, HemaTrace	Pos PTH
98LD8T	Pos KM	Pos KM
9BGXW4	Pos KM, HT	Pos KM, HT
9BKPAK	Pos KM	Pos KM
9CDAWD	Pos PTMB	Pos PTMB
9CFWC7	Pos KM	Pos KM
9EFAT4	Pos Visual, KM, HemaTrace	Pos Visual, KM, HemaTrace
9EHWC3	Pos PTMB	Pos PTMB
9FMNU2	Pos KM, HemaTrace	Pos KM
9G2WG4	Pos KM, HemaTrace	Pos KM, HemaTrace
9J4UNP	Pos LMG	Pos LMG
9TCFQX	Pos KM	Pos KM
9TDDUV	Pos LMG	Pos LMG
9TQUYW	Pos Tetrabasebariumperoxide	Pos Tetrabasebariumperoxide
9TXWAN	Pos KM, RSID	Pos KM, RSID
9WY4F6	Pos KM	Pos KM
9XF4Q8	Pos TMB, HemDirect	Pos TMB, HemDirect
9XVG7L	Pos KM	Pos KM
9ZB8TZ	Pos KM, HemaTrace	Pos KM, HemaTrace
9ZUHK2	Pos KM	Pos KM
A33D6R	Pos KM, LMG, RSID	Pos KM, LMG, RSID
A42CQL	Pos KM	Pos KM
A769YY	Pos TMB, HemDirect	Pos TMB, HemDirect
AD22CY	Pos pth, HemaTrace	Pos pth, HemaTrace
AEM3MM	Pos PTMB	Pos PTMB
ANEWY8	Pos KM	Pos KM
AQEPQQ	Pos KM	Pos KM, RSID Blood
ARN4YX	Pos Visual, LMG, HemaTrace	Pos Visual, LMG, HemaTrace
ARUYWG	Pos LMG	Pos LMG
ARZZ6R	Pos KM	Pos KM
ATEBAC	Pos PTMB	Pos PTMB
AVD2LQ	Pos LMG	Pos LMG
AWQJ68	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
AYGPJC	Pos KM, HemaTrace	Pos KM, HemaTrace
AYL9YA	Pos TMB, HemDirect	Pos TMB, HemDirect
B278EW	Pos pth	Pos pth
B2T4BB	Pos KM	Pos KM
B3DKY8	Pos KM	Pos KM
B489H4	Pos KM, HemaTrace	Pos KM, HemaTrace
B78GBR	Pos LMG	Pos LMG
B88JD3	Pos KM, HemaTrace	Pos KM, HemaTrace
BCCMK3	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
BEGLT6	Pos PTMB	Pos PTMB
BJP2CC	Pos KM	Pos KM
BLE4GZ	Pos KM	Pos KM
BMJ3R8	Pos KM, HemaTrace	Pos KM, HemaTrace
BN2NNB	Pos KM, HemaTrace	Pos KM, HemaTrace
BTZT2F	Pos PTMB	Pos PTMB
BUNW8M	Pos Hemastix	Pos Hemastix
BWD796	Pos PTMB	Pos PTMB
BWGZAP	Pos KM, TMB	Pos KM, TMB
BXWFPQ	Pos LMG	Pos LMG
BYR76	Pos TMB, HemDirect	Pos TMB, HemDirect
C3CQKQ	Pos KM	Pos KM
C3GCNE	Pos TMB, HemDirect	Pos TMB, HemDirect
C6BMUK	Pos PTMB	Pos PTMB
C9RRN9	Pos PTMB	Pos PTMB
CBLDRF	Pos O-tol, Hemdirect	Pos O-tol, Hemdirect
CCKMYA	Pos TMB	Pos TMB
CCPE9D	Pos O-tol	Pos O-tol
CG3AY9	Pos KM	Pos KM, RSID
CJXRAB	Pos TMB	Pos TMB
CKCHQ8	Pos KM	Pos KM
CLEMVF	Pos KM, HemaTrace	Pos KM, HemaTrace
CM6QBF	Pos O-tol, RSID	Pos O-tol
CQE7CF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
CUA3H9	Pos KM, HemaTrace	Pos KM, HemaTrace
CUCRU4	Pos KM, HemDirect card	Pos KM, HemDirect card

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
CUT2JD	Pos KM	Pos KM
CWGHZJ	Pos KM, HemaTrace	Pos KM, HemaTrace
CY4LLH	Pos KM, HemaTrace	Pos KM, HemaTrace
D4N43D	Pos O-tol	Pos O-tol
D83PXU	Pos KM	Pos KM
D87XPK	Pos KM, TMB	Pos KM, TMB
DACPAY	Pos KM	Pos KM
DAJBX3	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
DBVZE6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DCJ3XT	Pos KM	Pos KM
DD9JUB	Pos PTMB	Pos PTMB
DEFV7T	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DGAN9G	Pos KM	Pos KM
DH2MBE	Pos KM	Pos KM
DH44RF	Pos LMG, HemaTrace	Pos LMG, HemaTrace
DHCG39	Pos LMG	Pos LMG
DHN27W	Pos LMG	Pos LMG
DHUMWL	Pos KM	Pos KM, RSID
DHWCB2	Pos O-tol	Pos O-tol
DJQZJE	Pos KM	Pos KM, RSID
DKHYXC	Pos KM	Pos KM
DL3K4A	Pos KM	Pos KM
DLN62U	Pos KM	Pos KM
DM2QE2	Pos PTMB	Pos PTMB
DNA3ZJ	Pos KM, RSID	Pos KM, RSID
DPC3Q2	Pos KM, HemDirect	Pos KM, HemDirect
DQ7Q2Y	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
DQCQJY	Pos KM, HemaTrace	Pos O-tol,
DRYKTW	Pos HemaTrace	Pos HemaTrace
DUEARZ	Pos KM	Pos KM
DVTD9P	Pos TMB, Hemdirect	Pos TMB, Hemdirect
DZF4CL	Pos KM, HemaTrace	Pos KM, HemaTrace
E2ZH4H	Pos KM	Pos KM, RSID
E3PBKN	Pos KM	Pos KM
E7UEQN	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
EBBBDJ	Pos KM, HemaTrace	Pos KM, HemaTrace
EFBQNM	Pos KM, LGM, RSID Blood	Pos KM, LGM, RSID Blood
EKXHHH	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
ELU9EM	Pos O-tol	Pos O-tol
EPUEXY	Pos KM, HemaTrace	Pos KM, HemaTrace
EPYN92	Pos KM	Pos KM
ETCNYJ	Pos KM, HemaTrace	Pos KM, HemaTrace
ETRNCB	Pos TMB	Pos TMB
EWKMA	Pos PTMB	Pos PTMB
EVYVRT	Pos KM, HemaTrace	Pos KM
EXVE2Z	Pos KM	Pos KM
EZKTGW	Pos KM, HemaTrace	Pos KM, HemaTrace
F3ZMNB	Pos KM	Pos KM
F7E8KG	Pos KM	Pos KM
F7HETC	Pos KM	Pos KM
FDXM7G	Pos KM, RSID-Blood	Pos KM, RSID-Blood
FFV7LV	Pos HEMA-TRACE	Pos HEMA-TRACE
FGBC7R	Pos KM	Pos KM
FGL3RB	Pos KM	Pos KM
FJWADH	Pos KM, TMB	Pos KM, TMB
FK2A6U	Pos KM, HemaTrace	Pos KM
FLK8VR	Pos KM	Pos KM
FLTKV6	Pos KM	Pos KM
FNHCYZ	Pos KM	Pos KM
FNVLKF	Pos KM	Pos KM, RSID-Blood
FPEERG	Pos TMB, HemDirect	Pos TMB, HemDirect
FQQE7J	Pos KM/TMB	Pos KM/TMB
FTXAPW	Pos KM	Pos KM
FUJ8GR	Pos KM	Pos KM
FVKQ72	Pos TMB	Pos TMB
FVNBYB	Pos TMB	Pos TMB
FW48KE	Pos Phenolphthalein	Pos Phenolphthalein
FWU2LR	Pos KM	Pos KM
FXGU2W	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
G3DJGF	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
G3QUXE	Pos KM, HemaTrace	Pos KM, HemaTrace
G9XN6A	Pos KM	Pos KM
GEFUAN	Pos Hemastix	Pos Hemastix
GJQRYW	Pos TMB, HemDirect	Pos TMB, HemDirect
GKPHB6	Pos KM	Pos KM, RSID
GLA73W	Pos TMB, HemDirect	Pos TMB, HemDirect
GMXR8E	Pos KM	Pos KM
GQXN36	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
GRPTAH	Pos TMB, OBTI	Pos TMB, OBTI
GUGYY9	Pos KM	Pos KM
GXHY74	Pos Leucomalachite Green	Pos Leucomalachite Green
GY96K9	Pos PTMB	Pos PTMB
H4GVD8	Pos KM, HemaTrace	Pos KM, HemaTrace
H4VRMM	Pos KM	Pos KM
H6XT77	Pos KM, HemaTrace	Pos KM, HemaTrace
H8Q72J	Pos HemaTrace	Pos HemaTrace
H8RCLU	Pos PTMB, HemDirect	Pos PTMB, HemDirect
H9TURB	Pos KM	Pos KM, RSID
HAB3JH	Pos KM	Pos KM
HDMMYV	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
HDVFA8	Pos PTMB	Pos PTMB
HEKZL6	Pos KM, RSID	Pos KM, RSID
HFREMQ	Pos KM	Pos KM
HGXB4E	Pos Hemastix	Pos Hemastix
HJ9PN2	Pos KM	Pos KM
HQA2UG	Pos KM	Pos KM
HTEZ3J	Pos Hemastix	Pos Hemastix
HTGA32	Pos LMG	Pos LMG
HTRUGY	Pos TMB	Pos TMB
HZ2MDG	Pos HemaTrace	Pos HemaTrace
J47782	Pos KM	Pos KM
J4QCTL	Pos LMG	Pos LMG
J7KTH9	Pos KM	Pos KM
J8WHNV	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
JBXLPZ	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
JD8TX3	Pos KM	Pos KM
JDRHAV	Pos KM	Pos KM
JDXLZC	Pos Hemastix	Pos Hemastix
JFGNQL	Pos KM	Pos KM
JQR4H6	Pos KM	Pos KM
JUDDP6	Pos KM	Pos KM
JW2EJC	Pos KM	Pos KM
JZ7ZLX	Pos PTMB	Pos PTMB
K4GFNU	Pos KM	Pos KM
KBP7H8	Pos KM	Pos KM
KCF2K8	Pos TMB, HemDirect	Pos TMB, HemDirect
KDFRDA	Pos KM, HemaTrace	Pos KM, HemaTrace
KF8BAL	Pos KM, HemaTrace	Pos KM, HemaTrace
KGYALN	Pos KM	Pos KM
KHYPDB	Pos KM, TMB	Pos KM, TMB
KJBUXW	Pos KM	Pos KM
KKJ7FX	Pos LMG, HemaTrace	Pos LMG, HemaTrace
KKXQPA	Pos KM	Pos KM, RSID
KL7D7Z	Pos KM	Pos KM
KL8BRH	Pos KM, HemaTrace	Pos KM, HemaTrace
KLU4C3	Pos TMB, HemaTrace	Pos TMB, HemaTrace
KP33KM	Pos LMG ABA HemaTrace Test	Pos LMG ABA HemaTrace Test
KPBZVC	Pos KM, HemaTrace	Pos KM, HemaTrace
KRQKET	Pos TMB, HemDirect	Pos TMB, HemDirect
KTR2WJ	Pos LMG	Pos LMG
KXJ7T9	Pos KM	Pos KM, RSID
KYYHLH	Pos KM	Pos KM
KZT7Z8	Pos KM	Pos KM
L3ZKAY	Pos KM	Pos KM
L9BJ9X	Pos KM	Pos KM
L9EJDL	Pos BLUESTAR (Luminol)	Pos BLUESTAR (Luminol)
LD7YLL	Pos KM	Pos KM
LDAVBN	Pos LMG	Pos LMG
LFPHE4	Pos KM, HemaTrace	Pos KM, HemaTrace
LG7Y3Q	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
LGBENJ	Pos LMG	Pos LMG
LH7YHF	Pos KM	Pos KM
LH8RBB	Pos KM	Pos KM, RSID
LJKHCT	Pos KM, HemaTrace	Pos KM, HemaTrace
LK69Q8	Pos KM	Pos KM
LKVB6T	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
LL8336	Pos LMG	Pos LMG
LLDW4H	Pos KM	Pos KM
LLUCFQ	Pos KM	Pos KM
LLYLQP	Pos KM	Pos KM
LPPPVH	Pos KM, HemaTrace	Pos KM, HemaTrace
LPZ7LV	Pos TMB, HemDirect	Pos TMB, HemDirect
LQKZJB	Pos KM	Pos KM
LQRA9B	Pos KM, HemaTrace	Pos KM, HemaTrace
LRB7XF	Pos KM	Pos KM
LXXVF6	Pos PTMB	Pos PTMB
LY3QJH	Pos Hemophan (Macherey-Nagel), Just Check FOB Immunochromatographic test	Pos Hemophan (Macherey-Nagel), Just Check FOB Immunochromatographic test
LYJ77F	Pos KM	Pos KM
M2H3P8	Pos LMG	Pos LMG
M3R8WM	Pos KM	Pos KM
M4VXZK	Pos Bluestar Obti test	Pos Bluestar Obti test
M67BGR	Pos PHT	Pos PHT
M6GEGJ	Pos KM	Pos KM
M6XLM2	Pos KM	Pos KM
M9YHHM	Pos	Pos
MB3ADG	Pos KM	Pos KM
MBLDPN	Pos KM	Pos KM
MJ8XV4	Pos KM	Pos KM
MK3R66	Pos O-tol	Pos O-tol
MK7QMY	Pos PTMB	Pos PTMB
MKJY9L	Pos KM	Pos KM
MNFHAK	Pos KM, Hemoglobin	Pos KM, Hemoglobin
MNNEE6	Pos KM, HemaTrace	Pos KM, HemaTrace
MNVTYE	Pos KM, HemaTrace	Pos KM, HemaTrace
MR77C7	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
MRRRXN	Pos KM	Pos KM
MUPJVN	Pos KM	Pos KM
MVZEK6	Pos KM	Pos KM
MYE874	Pos KM	Pos KM
MYQ46Z	Pos KM	Pos KM
MZ7AXW	Pos KM	Pos KM
MZGAJ6	Pos PTMB	Pos PTMB
N29NEQ	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
N64WNC	Pos Combur (TMB), KM	Pos Combur (TMB), KM
N7UDC7	Pos TMB, HemDirect	Pos TMB, HemDirect
N7W4LA	Pos KM	Pos KM
N9WCAR	Pos KM, HemaTrace	Pos KM, HemaTrace
NA6GXN	Pos Phenolphthalein	Pos Phenolphthalein
NBBGKQ	Pos KM	Pos KM
NBG78T	Pos KM	Pos KM
NDG42M	Pos KM, HemaTrace	Pos KM
NG37GD	Pos KM, HemaTrace	Pos KM, HemaTrace
NHPBRF	Pos KM	Pos KM
NJTCVJ	Pos KM	Pos KM
NK23V2	Pos TMB	Pos TMB
NPNVRL	Pos Hemochromogen	Pos Hemochromogen
NRM3GX	Pos KM	Pos KM
NRVAAZ	Pos TMB, HemDirect	Pos TMB, HemDirect
NVCPLD	Pos Hemastix	Pos Hemastix
NVHB9G	Pos KM, TMB	Pos KM, TMB
NWYBWR	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
NXDUX3	Pos O-tol, PMB(P+), HemDirect	Pos O-tol, PMB(P+), HemDirect
NXJLZA	Pos KM	Pos KM
NXJRQX	Pos TMB, HemDirect	Pos TMB, HemDirect
NXREFW	Pos LMG	Pos LMG
NZ27J2	Pos LMG	Pos LMG
P6NFCG	Pos KM	Pos KM
PACV66	Pos KM	Pos KM
PAK8BU	Pos KM	Pos KM
PAVVNE	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PBFVQF	Pos KM	Pos KM
PE43RP	Pos TMB, HemDirect	Pos TMB, HemDirect
PEQXAE	Pos ABACard HemaTrace	Pos ABACard HemaTrace
PFZDRY	Pos TMB	Pos TMB
PJEH DU	Pos TMB, HemDirect	Pos TMB, HemDirect
PL6NRZ	Pos KM	Pos KM
PP9KM2	Pos KM	Pos KM
PPCY6E	Pos KM	Pos KM
PPTH3D	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
PRDG8Y	Pos PTMB	Pos PTMB
PTJ4AN	Pos KM, HemaTrace	Pos KM, HemaTrace
PTPGT4	Pos TMB, HemDirect	Pos TMB, HemDirect
PUELJJ	Pos KM	Pos KM
PUGCNG	Pos KM	Pos KM
PWL2VW	Pos PTMB	Pos PTMB
PXXVHU	Pos TMB	Pos TMB
PY2T8R	Pos Phenolphthalein	Pos Phenolphthalein
Q2W7XA	Pos KM	Pos KM
Q3MCCE	Pos KM	Pos KM
Q3W2VY	Pos LMG	Pos LMG
Q648LD	Pos KM, HemaTrace	Pos KM, HemaTrace
Q8297Q	Pos PTMB	Pos PTMB
Q8TAXT	Pos KM, HemaTrace	Pos KM, HemaTrace
Q9JM67	Pos KM	Pos KM, RSID
QFWDZR	Pos PTMB	Pos PTMB
QGMEYN	Pos KM	Pos KM
QGXH2Z	Pos PTMB	Pos PTMB
QHJUGX	Pos TMB, HemDirect	Pos TMB, HemDirect
QJ6QC7	Pos KM	Pos KM, RSID
QKPJGL	Pos TMB, HemDirect	Pos TMB, HemDirect
QLTA99	Pos LMG	Pos LMG
QM4A7R	Pos KM	Pos KM
QMNXXM	Pos KM	Pos KM
QMXWGV	Pos TMB, HemDirect	Pos TMB, HemDirect
QNE423	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
QQVWTF	Pos KM	Pos KM
QR67CV	Pos KM	Pos KM
QRHZ6Y	Pos KM	Pos KM
QTTKN3	Pos KM	Pos KM, RSID
QZ2FUF	Pos KM	Pos KM
QZHGUW	Pos KM, HemaTrace	Pos KM, HemaTrace
QZJAUQ	Pos KM	Pos KM
R262V3	Pos KM	Pos KM, RSID
R3CG6U	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
R4FTG2	Pos TMB, HemDirect	Pos TMB, HemDirect
R6YY2L	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
R8UPKH	Pos TMB, HemDirect	Pos TMB, HemDirect
RBVJP4	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RCAXA3	Pos TMB, HemDirect	Pos TMB, HemDirect
RCR672	Pos KM	Pos KM
RDAJ3W	Pos LMG	Pos LMG
REUUL4	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RFA6QM	Pos KM	Pos KM
RFCUVK	Pos PTMB, HemDirect	Pos PTMB, HemDirect
RGQAFJ	Pos KM, HemaTrace	Pos KM, HemaTrace
RJV27C	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RKVD9D	Pos KM	Pos KM
RL82VX	Pos KM	Pos KM
RMVZMK	Pos KM, HT	Pos KM, HT
RNJK7A	Pos Hem-Check	Pos Hem-Check
RRT4UN	Pos KM	Pos KM
RU34WA	Pos KM, HemaTrace	Pos KM, HemaTrace
RWFXAA	Pos Hemophan, Seratec Blood	Pos Hemophan, Seratec Blood
RWRBJR	Pos KM	Pos KM
RXQ7LP	Pos PTMB	Pos PTMB
RZ9QXP	Pos KM	Pos KM
RZP2CD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
RZQ78F	Pos KM, HemaTrace	Pos KM, HemaTrace
T36XBN	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
T4HT3M	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
T8LZPQ	Pos PTMB	Pos PTMB
T8MN7Y	Pos KM	Pos KM, RSID
TAGLN3	Pos TMB, HemDirect	Pos TMB, HemDirect
TCFUMR	Pos PTMB	Pos PTMB
TDFXJV	Pos PTMB	Pos PTMB
TE6CQY	Pos Phenolphthalein	Pos Phenolphthalein
TEAM2R	Pos PTMB	Pos PTMB
TED7YD	Pos Visual, LMG, ABA HemaTrace	Pos Visual, LMG, ABA HemaTrace
TK74RB	Pos LMG, HemaTrace	Pos LMG, HemaTrace
TK8FLT	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
TKCPXR	Pos LMG, HemaTrace	Pos LMG, HemaTrace
TL2B2K	Pos TMB	Pos TMB
TPR3WP	Pos TMB, Hemdirect	Pos TMB, Hemdirect
TV2XNZ	Pos KM	Pos KM
TVNMAL	Pos TMB	Pos TMB
TWMBYH	Pos O-tol, HemaTrace, KM	Pos KM, RSID Blood
TXE98D	Pos KM	Pos KM
TZEY6H	Pos ALS, PTH, ABACard HemaTrace	Pos ALS, PTH
U2C86K	Pos KM, HemaTrace	Pos KM, HemaTrace
U2LY8J	Pos KM, HemaTrace	Pos KM, HemaTrace
U48QA6	Pos Combur (TMB), KM	Pos Combur (TMB), KM
U66XPQ	Pos TMB, HemDirect	Pos TMB, HemDirect
U6HERZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
U6TG66	Pos KM, HemaTrace	Pos KM, HemaTrace
U7AFQW	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
UFKNNQ	Pos PTMB	Pos PTMB
UHKKKB	Pos KM, HemaTrace	Pos HemaTrace
UHR4UW	Pos KM	Pos KM
UJJ6WD	Pos KM	Pos KM
UKEDJT	Pos KM, HemaTrace	Pos KM, HemaTrace
UL2YBQ	Pos KM	Pos KM
ULRDTM	Pos TMB, HemDirect	Pos TMB, HemDirect
UMFFCB	Pos KM	Pos KM
UMWVMY	Pos KM	Pos KM
UN7YEP	Pos LMG, HemaTrace	Pos LMG, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
UQEQEC	Pos HemaTrace, KM	Pos HemaTrace, KM
UT9P9A	Pos KM	Pos KM
UTQVAK	Pos Visual, LMG, ABA HemaTrace	Pos Visual, LMG, ABA HemaTrace
UYB4NJ	Pos TMB, HemDirect	Pos TMB, HemDirect
UYWBAX	Pos KM	Pos KM
V4BFEH	Pos KM	Pos KM
V4PY4A	Pos KM	Pos KM
V6DL7X	Pos LMG	Pos LMG
V7XE2M	Pos KM	Pos KM
V8N9KA	Pos Hemastix	Pos Hemastix
V8P7MM	Pos PTMB	Pos PTMB
V8X2F6	Pos KM, HemaTrace	Pos KM, HemaTrace
V8XE6T	Pos KM	Pos KM
VD7QJ8	Pos KM, LMG, RSID Blood	Pos KM, LMG, RSID Blood
VECHRL	Pos LMG	Pos LMG
VH6L9R	Pos O-tol	Pos O-tol
VHX223	Pos KM	Pos KM
VK83JB	Pos KM	Pos KM
VM9M2F	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
VMHVHJ	Pos KM	Pos KM
VRHBQW	Pos PTMB	Pos PTMB
VRNKUW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
VT6MUP	Pos TMB, HemDirect	Pos TMB, HemDirect
VZE89T	Pos PTMB	Pos PTMB
W22GHA	Pos KM	Pos KM
W3DWCA	Pos KM, RSID-Blood	Pos KM, RSID-Blood
W4H6TL	Pos KM	Pos KM
W4ZPPP	Pos O-tol	Pos O-tol
W84HLA	Pos KM, HemaTrace	Pos KM, HemaTrace
WA7JGZ	Pos KM, TMB	Pos KM, TMB
WBKCRM	Pos KM	Pos KM
WFCKT9	Pos KM	Pos KM
WJBB8U	Pos KM	Pos KM
WKPJ8M	Pos KM	Pos KM
WKVZPU	Pos KM	Pos KM, RSID

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
WLWTUZ	Pos KM, HemaTrace	Pos KM, HemaTrace
WMYBBQ	Pos PTMB	Pos PTMB
WNTYTL	Pos PTMB	Pos PTMB
WQDHQ4	Pos KM	Pos KM
WU3K9P	Pos KM	Pos KM
WWG7WJ	Pos KM, HemaTrace	Pos KM, HemaTrace
WWKJQ8	Pos KM	Pos KM
WWY2LJ	Pos KM	Pos KM
WY8MJ6	Pos KM	Pos KM
WYYBGT	Pos PTMB	Pos PTMB
WZZ6QC	Pos LMG & ABA HemaTrace	Pos LMG & ABA HemaTrace
X2DYEE	Pos KM	Pos KM
X2L8KD	Pos KM, HemaTrace	Pos KM, HemaTrace
X2W98C	Pos KM, HemaTrace	Pos KM, HemaTrace
X423N7	Pos KM, TMB	Pos KM, TMB
X64HLN	Pos KM	Pos KM
X9KUEX	Pos KM	Pos KM
XB8CLE	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
XBGK4Y	Pos KM	Pos KM
XC8A2D	Pos KM	Pos KM
XEDU2N	Pos KM	Pos KM
XFRXLX	Pos HemaStix, ABA HemaTrace Confirmatory	Pos HemaStix, ABA HemaTrace Confirmatory
XHNWL7	Pos KM	Pos KM
XL2URR	Pos TMB, HemDirect	Pos TMB, HemDirect
XLV79M	Pos PTMB	Pos PTMB
XM2N3Y	Pos KM	Pos KM, RSID
XMAGC6	Pos TMB	Pos TMB
XQCDZE	Pos KM	Pos KM
XQH2F8	Pos Vedalab, France	Pos Vedalab, France
XTCVHV	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XTPAVP	Pos PTMB	Pos PTMB
XUU3CJ	Pos TMB, HemDirect	Pos TMB, HemDirect
XZ8QFC	Pos KM, RSID	Pos KM, OT, HemaTrace
Y3A74U	Pos KM	Pos KM
Y4QZ8P	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
Y6AYLZ	Pos O-tol	Pos O-tol
YB8NVY	Pos KM, HemaTrace	Pos KM, HemaTrace
YEAKME	Pos Hemastix (TMB), HemaTrace	Pos Hemastix (TMB), HemaTrace
YEKUZ2	Pos KM	Pos KM, RSID
YEZTEK	Pos KM	Pos KM
YGE6CZ	Pos LMG	Pos LMG
YHD9NN	Pos TMB	Pos TMB
YNJ42W	Pos TMB, HemDirect	Pos TMB, HemDirect
YTKEPN	Pos PTMB	Pos PTMB
YVK94E	Pos TMB	Pos TMB
YWY8DP	Pos LMG	Pos LMG
YXVLZH	Pos LMG	Pos LMG
YZ7LQP	Pos KM	Pos KM
Z32J6F	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
Z4H3CY	Pos HemaTrace	Pos HemaTrace
Z644FY	Pos O-tol	Pos O-tol
Z6K4NK	Pos PTMB	Pos PTMB
Z7ZU2F	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
ZCQ8WX	Pos KM, TMB	Pos KM, TMB
ZCZH4Z	Pos KM	Pos KM
ZDEC7P	Pos KM	Pos KM
ZDLPB4	Pos KM	Pos KM
ZEQ38U	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZFH462	Pos KM	Pos KM
ZFQFBQ	Pos PTMB	Pos PTMB
ZHGMPP	Pos HemaTrace	Pos HemaTrace
ZJXVWJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZKEV9L	Pos PTMB	Pos PTMB
ZKFHYH	Pos KM	Pos KM
ZLRUJN	Pos O-tol	Pos O-tol
ZNYDZP	Pos KM	Pos KM
ZQ6ZDU	Pos O-tol	Pos O-tol
ZQK7QX	Pos TMB, HemDirect	Pos TMB, HemDirect
ZQTVYB	Pos KM, HemaTrace	Pos KM, HemaTrace
ZRF6NW	Pos O-tol	Pos O-tol

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ZT8XHJ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZTEPK8	Pos KM, ABA HemaTrace	Pos KM, ABA HemaTrace
ZVHUAY	Pos Combur (TMB), KM	Pos Combur (TMB), KM
ZVKW87	Pos KM, HemDirect	Pos KM, HemDirect
ZWC2PJ	Pos KM; HemaTrace	Pos KM; HemaTrace

Table 1a: Serology Screening Response Summary - Blood			Participants: 633
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	633	633	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	0	0	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
2JQ48L	Neg AP	Neg AP
2MF2EA	Neg AP, p30	Neg AP, p30
2RGNFC	Neg AP	Neg AP
2VB2T3	Neg AP, p30	Neg AP, p30
2ZDL3E	Neg AP	Neg AP
3BW7BH	Neg AP, Micro, PSA	Neg AP, Micro, PSA
3ETUMH	Neg ALS, AP, Micro	Neg ALS, AP, Micro
3HH66A	Neg AP, PSA	Neg AP, PSA
3JMRCA	Neg ALS, AP, Micro	Neg ALS, AP, Micro
3K7EGW	Neg AP, PSA	Neg AP, PSA
3PL2XQ	Neg AP, ALS	Neg AP, ALS
3QKZL2	Neg AP	Neg AP
3TYXBE	Neg AP, Micro, PSA	Neg AP, Micro, PSA
3VH3M2	Neg AP, PSA, Micro	Neg AP, PSA, Micro
3ZKRU3	Neg AP, ALS	Neg AP, ALS
4L7D8X	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
4PW63X	Neg AP, PSA	Neg AP, PSA
4ZZCYX	Neg ALS, AP (Brentamine)	Neg ALS, AP (Brentamine)
692DAC	Neg AP, Micro, and PSA	Neg AP, Micro, and PSA
6CVDFD	Neg AP	Neg AP
6EKJZB	Neg AP	Neg AP
6PJC7F	Neg AP	Neg AP
6TVUXF	Neg AP, Micro, PSA	Neg AP, Micro, PSA
6U6PQY	Neg AP	Neg AP
6UAGDK	Neg AP	Neg AP
6WZX6F	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
749UAT	Neg BCIP	Neg BCIP
7CEFME	Neg AP	Neg AP
7J8UCA	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
7PHQHF	Neg AP, PSA, Micro	Neg AP, PSA, Micro
8889A9	Neg AP	Neg AP
8KHVX9	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
8LYKDX	Neg AP, RSID Semen	Neg AP, RSID Semen
8N9ANV	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
8P2YBX	Neg ALS, AP	Neg ALS, AP
8VQFHD	Neg ALS, AP, Micro	Neg ALS, AP, Micro
8WBCRF	Neg AP, Micro	Neg AP, Micro
8Y967Q	Neg BCIP	Neg BCIP
8YTEYX	Neg AP, p30	Neg AP, p30
98LD8T	Neg ALS, AP	Neg ALS, AP
9G2WG4	Neg AP, Micro, PSA	Neg AP, Micro, PSA
9TQUYW	Neg AP	Neg AP
9XVG7L	Neg ALS, AP	Neg ALS, AP
A33D6R	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
A42CQL	Neg AP, ALS	Neg AP, ALS
AYGPJC	Neg AP, Micro, PSA	Neg AP, Micro, PSA
B2T4BB	Neg AP	Neg AP
BCCMK3	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
BMJ3R8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BN2NNB	Neg Micro, PSA	Neg Micro, PSA
BWGZAP	Neg AP	Neg AP
CBLDRF	Neg AP	Neg AP
CM6QBF	Neg AP	NT
CUA3H9	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
CUCRU4	Neg AP, Micro, PSA card	Neg AP, Micro, PSA card
CUT2JD	Neg ALS, AP, Micro	Neg ALS, AP, Micro
D87XPK	Neg AP	Neg AP
DAJBX3	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
DGAN9G	Neg ALS, AP	Neg ALS, AP
DHN27W	Neg AP	Neg AP
DKHYXC	Neg AP, Micro	Neg AP, Micro
DPC3Q2	Neg AP, Micro	Neg AP, Micro
DQ7Q2Y	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
EFBQNM	Neg AP, Micro, PSA	Neg AP, Micro, PSA
ELU9EM	Neg ALS, AP, Micro, p30	Neg ALS, AP, Micro, p30
EPUEXY	Neg AP, PSA, Micro	Neg AP, PSA, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
EZKTGW	Neg PSA Seratec	Neg PSA Seratec
F3ZMNB	Neg AP, ALS	Neg AP, ALS
F7E8KG	Neg AP, Micro, PSA	Neg AP, Micro, PSA
FGL3RB	Neg AP, ALS	Neg AP, ALS
FJWADH	Neg AP	Neg AP
FLTKV6	Neg AP, Micro	Neg AP, Micro
FQQE7J	Neg AP	Neg AP
FXGU2W	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
G3DJGF	Neg AP, PSA, Micro	Neg AP, PSA, Micro
GQXN36	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
GRPTAH	Neg PSA	Neg PSA
GUGYY9	Neg ALS, AP, Micro	Neg ALS, AP, Micro
GXHY74	Neg Brentamine	Neg Brentamine
H4GVD8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
H4VRMM	Neg AP, Micro	Neg AP, Micro
H6XT77	Neg AP, PSA, Micro	Neg AP, PSA, Micro
HDMMYV	Neg ALS, AP	Neg ALS, AP
HDVFA8	Neg AP	Neg AP
HTGA32	Neg AP	Neg AP
J8WHNV	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
JBXLPZ	Neg AP	Neg AP
JFGNQL	Neg AP	Neg AP
JZ7ZLX	Neg AP	Neg AP
KDFRDA	Neg AP	Neg AP
KHYPDB	Neg AP	Neg AP
KJBUXW	Neg AP	Neg AP
KKJ7FX	Neg AP, Micro, PSA	Neg AP, Micro, PSA
KL8BRH	Neg ALS, AP	Neg ALS, AP
KLU4C3	Neg AP, Micro, PSA	Neg AP, Micro, PSA
KPBZVC	Neg AP	Neg AP
KYYHLH	Neg AP, PSA and Micro	Neg AP, PSA and Micro
L3ZKAY	Neg ALS, AP, Micro	Neg ALS, AP, Micro
L9EJDL	Neg AP	Neg AP
LDAVBN	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
LFPHE4	Neg AP, PSA, Micro	Neg AP, PSA, Micro
LK69Q8	Neg AP, ALS	Neg AP, ALS
LKVB6T	Neg ALS, AP	Neg ALS, AP
LLUCFQ	Neg AP	Neg AP
LPPPVH	Neg AP	Neg AP
LQRA9B	Neg Micro, PSA	Neg Micro, PSA
LY3QJH	Neg RSID Semen	Neg RSID Semen
M4VXZK	Neg PSA-CHECK-1 test	Neg PSA-CHECK-1 test
MJ8XV4	Neg AP, ALS	Neg AP, ALS
MVZEK6	Neg AP, ALS	Neg AP, ALS
MYQ46Z	Neg AP	Neg AP
N29NEQ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
N64WNC	Neg PSA, AP	Neg PSA, AP
N9WCAR	Neg AP, PSA, Micro	Neg AP, PSA, Micro
NHPBRF	Neg AP	Neg AP
NVHB9G	Neg AP	Neg AP
NWYBWR	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
NXREFW	Neg AP	Neg AP
PACV66	Neg AP, ALS	Neg AP, ALS
PBFVQF	Neg PSA, AP, Micro	Neg PSA, AP, Micro
PTJ4AN	Neg AP, PSA, Micro	Neg AP, PSA, Micro
PTPGT4	Neg ALS, AP	Neg ALS, AP
PWL2VW	Neg AP	Neg AP
Q3W2VY	Neg ALS, AP, Micro	Neg ALS, AP, Micro, PSA
Q8TAXT	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QQVWTF	Neg ALS, AP	Neg ALS, AP
QZHGUW	Neg PSA, Micro	Neg PSA, Micro
R6YY2L	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
RBVJP4	NT	Neg AP
RCR672	Neg ALS, AP	Neg ALS, AP
REUUL4	Neg AP	Neg AP
RGQAFJ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
RJV27C	Neg ALS, AP	Neg ALS, AP
RRT4UN	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
RWFXAA	Neg Seratec PSA	Neg Seratec PSA
RWRBJR	Neg AP	Neg AP
RZQ78F	Neg AP, PSA	Neg AP, PSA
T36XBN	Neg ALS, PSA, Micro	Neg ALS, PSA, Micro
TK74RB	Neg ALS, AP	Neg ALS, AP
TK8FLT	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
TKCPXR	Neg AP, Micro, PSA	Neg AP, Micro, PSA
TL2B2K	Neg ALS, AP	Neg ALS, AP
TV2XNZ	Neg ALS, AP	Neg ALS, AP
U2C86K	Neg AP, PSA, Micro	Neg AP, PSA, Micro
U48QA6	Neg AP, PSA	Neg AP, PSA
U7AFQW	Neg AP	Neg AP
UHR4UW	Neg ALS, AP	Neg ALS, AP
UKEDJT	Neg Micro, PSA	Neg Micro, PSA
UMFFCB	Neg AP	Neg AP
UYWBAX	Neg ALS, AP	Neg ALS, AP
V8XE6T	Neg AP, Micro	Neg AP, Micro
VD7QJ8	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
VK83JB	Neg AP	Neg AP
W3DWCA	Neg ALS, AP, RSID-Semen	Neg ALS, AP, RSID-Semen
WA7JGZ	Neg AP	Neg AP
WU3K9P	Neg AP, Micro	Neg AP, Micro
WWG7WJ	Neg AP only, no further testing	Neg AP only, no further testing
WWKJQ8	Neg AP	Neg AP
X423N7	Neg AP	Neg AP
X64HLN	Neg ALS, AP, Micro	Neg ALS, AP, Micro
XB8CLE	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Y4QZ8P	Neg AP, PSA, Micro	Neg AP, PSA, Micro
YEAKME	Neg ALS, AP	Neg ALS, AP
YXVLZH	Neg AP	Neg AP
Z32J6F	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Z7ZU2F	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
ZCQ8WX	Neg AP	Neg AP
ZCZH4Z	Neg AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZDEC7P	Neg ALS, AP	Neg ALS, AP
ZJXVWJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZQ6ZDU	Neg brentamine	Neg brentamine
ZT8XHJ	Neg AP, PSA, Micro	Neg AP, PSA, Micro
ZVHUAY	Neg AP, PSA	Neg AP, PSA
ZWC2PJ	Neg AP; PSA; Micro	Neg AP; PSA; Micro

Table 1b: Serology Screening Response Summary - Semen			Participants: 174
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	173	173	
Inconclusive	0	0	
Not Tested (NT)	1	1	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
2JQ48L	Neg RSID	Neg RSID
2MF2EA	Neg RSID	Neg RSID
2RGNFC	Neg Phadebas	Neg Phadebas
2ZDL3E	Neg Phadebas	Neg Phadebas
3BW7BH	Neg Phadebas	Neg Phadebas
3ETUMH	Neg ALS, Phadebas	Neg ALS, Phadebas
3HH66A	Neg RSID	Neg RSID
3JMRCA	Neg ALS, Phadebas	Neg ALS, Phadebas
3K7EGW	Neg Phadebas	Neg Phadebas
3QKZL2	Neg Phadebas press test	Neg Phadebas press test
3TYXBE	Neg Amylase	Neg Amylase
4FUELQ	Neg RSID-Saliva	Neg RSID-Saliva
4PW63X	Neg Phadebas	Neg Phadebas
692DAC	Neg Amylase	Neg Amylase
6EKJZB	Neg Phadebas	Neg Phadebas
6TVUXF	Neg Amylase	Neg Amylase
6UAGDK	Neg RSID	Neg RSID
6WZX6F	Neg RSID	Neg RSID
7PHQHF	Neg Phadebas	Neg Phadebas
8LYKDX	Neg RSID Saliva	Neg RSID Saliva
8N9ANV	Neg RSID	Neg RSID
8WBCRF	Neg RSID	Neg RSID
9G2WG4	Neg Phadebas	Neg Phadebas
9TQUYW	Neg Phaderbas	Neg Phaderbas
A33D6R	Neg RSID	Neg RSID
AYGPJC	Neg Phadebas	Neg Phadebas
B2T4BB	Neg Phadebas	Neg Phadebas
BMJ3R8	Neg Phadebas	Neg Phadebas
BN2NNB	Neg RSID	Neg RSID
CUA3H9	Neg Seratec	Neg Seratec
CUCRU4	Neg RSID Saliva card	Neg RSID Saliva card
CUT2JD	Neg RSID	Neg RSID

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
DHN27W	Neg RSID-Saliva	Neg RSID-Saliva
DKHYXC	Neg RSID	Neg RSID
DPC3Q2	Neg RSID-Saliva	Neg RSID-Saliva
EFBQNM	Neg RSID Saliva	Neg RSID Saliva
ELU9EM	Neg ALS, Seratec	Neg ALS, Seratec
EPUEXY	Neg Phadebas	Neg Phadebas
G3DJGF	Neg Radial Diffusion	Neg Radial Diffusion
GRPTAH	Neg Phadebas	Neg Phadebas
GUGYY9	Neg RSID-Saliva	Neg RSID-Saliva
H4GVD8	Neg Phadebas	Neg Phadebas
H6XT77	Neg Phadebas	Neg Phadebas
KDFRDA	Neg RSID card	Neg RSID card
KKJ7FX	Neg Amylase	Neg Amylase
KLU4C3	Neg Amylase Diffusion	Neg Amylase Diffusion
KYYHLH	Neg Amylase Radial Diffusion	Neg Amylase Radial Diffusion
L3ZKAY	Neg ALS, Phadebas	Neg ALS, Phadebas
L9EJDL	Neg Phadebas	Neg Phadebas
LDAVBN	Neg RSID	Neg RSID
LFPHE4	Neg Phadebas	Neg Phadebas
LPPPVH	Neg RSID	Neg RSID
LQRA9B	Neg RSID	Neg RSID
LY3QJH	Neg RSID Saliva	Neg RSID Saliva
M4VXZK	Neg RSID-Saliva test	Neg RSID-Saliva test
MYQ46Z	Neg Phadebas	Neg Phadebas
N64WNC	Neg Phadebas	Neg Phadebas
N9WCAR	Neg Phadebas	Neg Phadebas
PBFVQF	Neg Radial Diffusion	Neg Radial Diffusion
PTJ4AN	Neg Phadebas	Neg Phadebas
Q8TAXT	Neg Phadebas	Neg Phadebas
QZHGUW	Neg RSID	Neg RSID
RGQAFJ	Neg Phadebas	Neg Phadebas
RRT4UN	Neg Phadebas	Neg Phadebas
RWFXAA	Neg Seratec Amy	Neg Seratec Amy
RWRBJR	Neg Phadabas	Neg Phadabas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
RZQ78F	Neg RSID-Saliva	Neg RSID-Saliva
TKCPXR	Neg Amylase	Neg Amylase
TZEY6H	NT	Neg SALIgAE
U2C86K	Neg Phadebas	Neg Phadebas
U48QA6	Neg Phadebas	Neg Phadebas
UKEDJT	Neg RSID	Neg RSID
UQEDEC	Neg RSID Saliva	Neg RSID Saliva
V8XE6T	Neg RSID	Neg RSID
VD7QJ8	Neg RSID Saliva	Neg RSID Saliva
W3DWCA	Neg ALS, RSID-Saliva	Neg ALS, RSID-Saliva
WU3K9P	Neg RSID Saliva	Neg RSID Saliva
X64HLN	Neg Phadebas	Neg Phadebas
XFRXLX	Neg RSID-Saliva	Neg RSID-Saliva
Y4QZ8P	Neg Phadebas	Neg Phadebas
Z4H3CY	Neg RSID	NT
ZCZH4Z	Neg Phadebas	Neg Phadebas
ZJXVWJ	Neg Amylase	Neg Amylase
ZT8XHJ	Neg Amylase	Neg Amylase
ZVHUAY	Neg Phadebas	Neg Phadebas
ZWC2PJ	Neg Amylase Test	Neg Amylase Test

Table 1c: Serology Screening Response Summary - Saliva		Participants: 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	0	0	
Negative	85	85	
Inconclusive	0	0	
Not Tested (NT)	1	1	
Not Reported	0	0	

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
22QVEZ	Pos PowerQuant	Pos PowerQuant
2B4UMK	Pos HemaTrace	Pos HemaTrace
2C26JM	Pos HemaTrace	Pos HemaTrace
2DUT2J	Pos HemaTrace	Pos HemaTrace
2E7P99	Pos HemaTrace	Pos HemaTrace
2FYHDB	Pos HemaTrace	Pos HemaTrace
2H67JG	Pos HemaTrace	Pos HemaTrace
2JQ48L	Pos Quant	Pos Quant
2RUUEK	Pos HemaTrace	Pos HemaTrace
2TWQKY	Pos PowerQuant	Pos PowerQuant
3ETUMH	Pos Quantifiler Trio	Pos Quantifiler Trio
3JDH2J	Pos HemaTrace	Pos HemaTrace
3JMRCA	Pos Quantifiler Trio	Pos Quantifiler Trio
3K7EGW	Pos Quant Trio	Pos Quant Trio
3QKZL2	Pos HemaTrace	Pos HemaTrace
3ZFBDK	Pos HemaTrace	NT
3ZKRU3	Pos HemaTrace	Pos HemaTrace
4G6R89	Pos HT	Pos HT
4L7D8X	Pos RSID	Pos RSID
4PW63X	Pos Quantifiler Trio	Pos Quantifiler Trio
4ZZCYX	Pos HemaTrace	Pos HemaTrace
69QCQV	Pos HemaTrace	
6KVHHV	Pos RSID-Blood	Pos RSID-Blood
722ZHA	Pos HemaTrace	Pos HemaTrace
79RXFH	Pos HemaTrace	Pos HemaTrace
7ALMJC	Pos PowerQuant	Pos PowerQuant
7J8UCA	Pos RSID	Pos RSID
7KKC9Z	Pos Quant Trio	Pos Quant Trio
7RE2R4	Pos HemaTrace	Pos HemaTrace
8CWR8L	Pos Quant Trio; HemaTrace	Pos Quant Trio; HemaTrace
8KHVX9	Pos RSID	Pos RSID
8YT82F	Pos HemaTrace	Pos HemaTrace
97GWEE	Pos HemaTrace	Pos HemaTrace

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
9BGXW4	Pos HT	Pos HT
9CDAWD	Pos HemaTrace	Pos HemaTrace
9EFAT4	Pos HT	Pos HT
9EHWC3	Pos HemaTrace	Pos HemaTrace
9J4UNP	Pos RSID-Blood	Pos RSID-Blood
ARUYWG	Pos RSID-Blood	Pos RSID-Blood
ATEBAC	Pos HemaTrace	Pos HemaTrace
BCCMK3	Pos RSID	Pos RSID
BGLT6	Pos HemaTrace	Pos HemaTrace
BWD796	Pos HemaTrace	Pos HemaTrace
CBLDRF	Pos Hemdirect	Pos Hemdirect
CJXRAB	Pos OBTI	Pos OBTI
CWGHZJ	Pos HemaTrace, PowerQuant	Pos HemaTrace, PowerQuant
DAJBX3	Pos RSID	Pos RSID
DD9JUB	Pos HemaTrace	Pos HemaTrace
DH44RF	Pos Quant Trio, HemaTrace	Pos Quant Trio, HemaTrace
DM2QE2	Pos HemaTrace	Pos HemaTrace
DQ7Q2Y	Pos RSID	Pos RSID
DQCQJY	NT	Pos RSID
EKXHHA	Pos Quantifiler	Pos Quantifiler
EZKTGW	Pos HemaTrace	Pos HemaTrace
FUJ8GR	Pos Power Quant	Pos Power Quant
FXGU2W	Pos RSID	Pos RSID
GQXN36	Pos RSID	Pos RSID
GRPTAH	Pos PowerQuant	Pos PowerQuant
HDVFA8	Pos HemaTrace	Pos HemaTrace
HQA2UG	Pos PowerQuant	Pos PowerQuant
J47782	Pos HemaTrace	Pos HemaTrace
J8WHNV	Pos RSID	Pos RSID
JZ7ZLX	Pos HemaTrace	Pos HemaTrace
KLU4C3	Pos HemaTrace	Pos HemaTrace
L3ZKAY	Pos Quantifiler Trio	Pos Quantifiler Trio
L9EJDL	Pos BLUESTAR OBTI TEST	Pos BLUESTAR OBTI TEST
LH7YHF	Pos PowerQuant	Pos PowerQuant
LRB7XF	Pos PowerQuant	Pos PowerQuant

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
LY3QJH	Pos Just Check FOB Immunochromatographic test	Pos Just Check FOB Immunochromatographic test
MR77C7	Pos PowerQuant	Pos PowerQuant
MYE874	Pos RT-PCR	Pos RT-PCR
N29NEQ	Pos RSID	Pos RSID
N64WNC	Pos Quant Trio	Pos Quant Trio
NJTCVJ	Pos PowerQuant	Pos PowerQuant
NWYBWR	Pos RSID	Pos RSID
NXDUX3	Pos HemDirect	Pos HemDirect
PRDG8Y	Pos HemaTrace	Pos HemaTrace
PWL2VW	Pos HemaTrace	Pos HemaTrace
Q3W2VY	NT	Pos HemaTrace
Q8297Q	Pos HemaTrace	Pos HemaTrace
QFWDZR	Pos HemaTrace	Pos HemaTrace
QGXH2Z	Pos Quantifiler Trio	Pos Quantifiler Trio
QLTA99	Pos RSID-Blood	Pos RSID-Blood
R3CG6U	Pos Quant	Pos Quant
R6YY2L	Pos RSID	Pos RSID
RGQAFJ	Pos Quantifiler Trio	Pos Quantifiler Trio
RJV27C	Pos HemaTrace	Pos HemaTrace
RMVZMK	Pos HT	Pos HT
RWFXAA	Pos Quantifiler™ Trio DNA Quantification Kit	Pos Quantifiler™ Trio DNA Quantification Kit
RXQ7LP	Pos HemaTrace	Pos HemaTrace
T36XBN	Pos RSID	Pos RSID
TDFXJV	Pos HemaTrace	Pos HemaTrace
TEAM2R	Pos HemaTrace	Pos HemaTrace
TK74RB	Pos HemaTrace	Pos HemaTrace
TK8FLT	Pos RSID	Pos RSID
TWMBYH		Pos RSID Blood
U48QA6	Pos Quantifiler Trio	Pos Quantifiler Trio
U7AFQW	Pos Seratec HemDirect	Pos Seratec HemDirect
UFKNNQ	Pos HemaTrace	Pos HemaTrace
UMWVMY	Pos quant	Pos quant
V6DL7X	Pos Quant Trio	Pos Quant Trio
V8P7MM	Pos HemaTrace	Pos HemaTrace
VHX223	Pos PowerQuant	Pos PowerQuant

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
W84HLA	Pos HemaTrace	Pos HemaTrace
WMYBBQ	Pos HemaTrace	Pos HemaTrace
WNTYTL	Pos HemaTrace	Pos HemaTrace
X64HLN	Pos Quant Trio	Pos Quant Trio
X9KUEX	Pos PowerQuant	Pos PowerQuant
XB8CLE	Pos RSID	Pos RSID
XLV79M	Pos HemaTrace	Pos HemaTrace
YEZTEK	Pos PowerQuant	Pos PowerQuant
YZ7LQP	Pos HemDirect	Pos HemDirect
Z32J6F	Pos RSID	Pos RSID
Z644FY	Pos HemaTrace	NT
Z6K4NK	Pos HemaTrace	Pos HemaTrace
Z7ZU2F	Pos RSID	Pos RSID
ZCZH4Z	Pos Quantiplex Pro	Pos Quantiplex Pro
ZDLPB4	Pos PowerQuant	Pos PowerQuant
ZKEV9L	Pos HemaTrace	Pos HemaTrace
ZQ6ZDU	Pos HemaTrace	NT
ZVHUAY	Pos Quant Trio	Pos Quant Trio
ZWC2PJ	Pos HemaTrace	Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human Origin			Participants: 122
This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.			
	Item 3	Item 4	
Positive	119	118	
Negative	0	0	
Inconclusive	0	0	
Not Tested (NT)	2	3	
Not Reported	1	1	

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
27TTF7	Pos Plexor HY Kit System	Neg Plexor HY Kit System
2JQ48L	Pos Quant	Neg Quant
3HH66A	Pos Quantifiler trio	Neg Quantifiler trio
3K7EGW	Pos Quant Trio	Neg Quant Trio
46M8G4	Pos Promega Casework Direct	Neg Promega Casework Direct
4L7D8X	Pos QF Trio	Neg QF Trio
4PW63X	Pos Quantifiler Trio	Neg Quantifiler Trio
64NLYW	Pos NaOH	Neg NaOH
6KDLAJ	Pos Plexor HY	Neg Plexor HY
7ALMJC	Pos PowerQuant	Neg PowerQuant
7J8UCA	Pos QF Trio	Neg QF Trio
82XCQN	Pos	Neg
8CWR8L	Pos Quant Trio	Neg Quant Trio
8KHVX9	Pos QF Trio	Neg QF Trio
8YT82F	Pos PowerQuant	Neg PowerQuant
9CFWC7	Pos TRIO	Neg TRIO
BCCMK3	Pos QF Trio	Neg QF Trio
BN2NNB	Pos	Neg
CY3RRQ	Pos Plexor HY System	Neg Plexor HY System
DAJBX3	Pos QF Trio	Neg QF Trio
DH44RF	Pos Quant Trio	Neg Quant Trio
DHWCB2	Pos Plexor HY	Neg Plexor HY
DL8XVM	Pos Plexor HY System	Neg Plexor HY System
DQCQJY	Pos NaOH	Neg NaOH
EKXHHA	Pos Quantifiler	Neg Quantifiler
FJEL9M	Pos Plexor HY Kit System	Neg Plexor HY Kit System
GQXN36	Pos QF Trio	Neg QF Trio
GRPTAH	Pos PowerQuant	Inc PowerQuant
HJ9PN2	Pos Casework Direct	Neg Casework Direct
LQRA9B	Pos Y-screen	Neg Y-screen
M9YHHM	Pos Trio	Neg Trio
MZ7AXW	Pos Quantifiler Trio	Neg Quantifiler Trio
N64WNC	Pos Quant Trio	Neg Quant Trio
NBBGKQ	Pos Quantifiler Trio	Neg Quantifiler Trio
NWYBWR	Pos QF Trio	Neg QF Trio

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
PAK8BU	Pos Casework Direct	Neg Casework Direct
PP9KM2	Pos Casework Direct	Neg Casework Direct
QM4A7R	Pos Casework Direct	Neg Casework Direct
QP43QF	Pos Plexor HY Kit	Neg Plexor HY Kit
QVH2TF	Pos NaOH Y-Screen	Neg NaOH Y-Screen
QZHGUW	Pos Y-Screening	Neg Y-Screening
R3CG6U	Pos Quant	Neg Quant
RFA6QM	Pos Trio	Neg Trio
RGQAFJ	Pos Quantifiler Trio	Neg Quantifiler Trio
RWFXAA	Pos Quantifiler™ Trio DNA Quantification Kit	Neg Quantifiler™ Trio DNA Quantification Kit
RZ9QXP	Pos Quant Trio	Neg Quant Trio
T36XBN	Pos QF Trio	Neg QF Trio
TDFXJV	Pos PowerQuant	Neg PowerQuant
U2LY8J	Pos Trio	Neg Trio
U48QA6	Pos Quantifiler Trio	Neg Quantifiler Trio
UK246F	Pos Plexor HY Kit	Neg Plexor HY Kit
UKEDJT	Pos	Neg
UMWVWY	Pos quant	Neg quant
V2KGVD	Pos Plexor HY Kit System	Neg Plexor HY Kit System
V6DL7X	Pos Quant Trio	Neg Quant Trio
V7XE2M	Pos Casework Direct	Neg Casework Direct
VHVH7D	Pos Promega Casework Direct Kit	Neg Promega Casework Direct Kit
VJJEHE	Pos Plexor HY System	Neg Plexor HY System
VMHVHJ	Pos Trio	Neg Trio
W4H6TL	Pos Quantifiler Trio	Neg Quantifiler Trio
WWY2LJ	Pos Quantifiler Trio	Neg Quantifiler Trio
X2DYEE	Pos TRIO	Neg TRIO
XC8A2D	Pos Quantifiler Trio	Neg Quantifiler Trio
XYEVXA	Pos Promega's Casework Direct Kit	Neg Promega's Casework Direct Kit
XZ8QFC	Pos NaOH male screen	Neg NaOH male screen
YEZTEK	Pos PowerQuant	Neg PowerQuant
Z32J6F	Pos QF Trio	Neg QF Trio
Z7ZU2F	Pos QF Trio	Neg QF Trio
ZCZH4Z	Pos Quantiplex Pro	Neg Quantiplex Pro
ZVHUAY	Pos Quant Trio	Neg Quant Trio
ZWC2PJ	Pos Quant trio	Neg Quant trio

Table 1e: Serology Screening Response Summary - Y ScreeningParticipants: **71**

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

	Item 3	Item 4
Positive	71	0
Negative	0	70
Inconclusive	0	1
Not Tested (NT)	0	0
Not Reported	0	0

Serology Screening Results

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

TABLE 1f

WebCode	Other Screening Results			
	Item 3		Item 4	
8VQFHD	Amylase	Neg Amylase Diffusion	Amylase	Neg Amylase Diffusion
LY3QJH	AP	Neg Phosphatesmo KM	AP	Neg Phosphatesmo KM
NPNVRL	hair	Neg Visual exam	hair	Neg Visual exam
NXDUX3	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro
RWFXAA	DNA degradation, PCR Inhibition	Neg Quantifiler™ Trio DNA Quantification Kit	DNA degradation, PCR Inhibition	Neg Quantifiler™ Trio DNA Quantification Kit
U7AFQW	Urine	Neg DMAC, Creatinine	Urine	Neg DMAC, Creatinine

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

2283K7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
22GWMP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
22QVEZ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
2B4UMK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
2C26JM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2DUT2J	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

2E7P99	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
2FYHDB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2H67JG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2HUQKT	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
2JQ48L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2MF2EA	PowerPlex® 21 (STRmix v2.8)					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
2Q7PEB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

2R6T7U	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
2RGNFC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2RUUEK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
2TWQKY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	-	-	-		
2UNWPW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2VB2T3	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
2Z9HH6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

2ZDL3E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
32QDYJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3BW7BH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
3CC7W6	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
3DBZHQ	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
3DMWPF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3DRJFM	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

3GJWVR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
3HH66A	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
3JDH2J	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
3K7EGW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3PL2XQ	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
3QKZL2	NGM SElect					
	14,16	17,25	10,14	15,17		
1		13,15	13,15	19,22		12,12
	12,17	13.2,14	30,32.2	15,16	X,X	
	21,23			15,27.2	7,9	
	16,16					
3TYXBE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

3TZGP4	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
3UWTFM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3VH3M2	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
3W4D23	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3XEFM2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3ZFBDK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3ZJUFL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

3ZKRU3	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3ZZVEB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
43CLAP	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
43DAQW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
43VFWK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
44K8WY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
44V33R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

46M8G4	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NID			NID	
46ZVLB	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
47KFTB	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4884Y3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4BG6C4	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4CPFWW	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
4FUELQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

4G6R89	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4G7PDA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
4HX6R7	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	N/A
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
4JB6ZE	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
4JJLDQ	PowerPlex® 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4L7D8X	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
4LRNJD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	

TABLE 2

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

Item 1 - STR Results

4M22LM	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
4MGP6R	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
4PW63X	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
4QA4JW	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
4TVJM3	PowerPlex®					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
4UXT3Y	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4WZKU2	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

4YFNAX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4ZZCYX	Investigator® 24plex GO					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
64NLYW	GlobalFiler™ Express (STR Mix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
692DAC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
69QCQV	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
69YN6F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
6AV2R9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

6BKD8E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
6CVDFD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6EDRK3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
6EKJZB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6HDBHP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no result			no result	
6KDLAJ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
6KVHHV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

6NB3EJ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
6NRGEV	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
6PJC7F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6QXBD7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
6RJ3Z4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
6UAGDK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6UNT8H	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

6V9UPX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6W83YK	NGM SElect					
	14,16	17,25	10,14	15,17		
1		13,15	13,15	19,22		12,12
	12,17	13.2,14	30,32.2	15,16	X,X	
	21,23			15,27.2	7,9	
	16,16					
6WVB7E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
6WZX6F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6XF87Z	GlobalFiler™ Direct (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
722ZHA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
73MPRT	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

73NZRH	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
749UAT	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
77277Y	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
77ZX6Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
79RFXH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
79UMJF	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
7ALMJC	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

7BZ6RU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
7CEFME	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
7CQDPR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
7FDRR9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no results			no results	
7GJEWH	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
7J8UCA	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	
7KKC9Z	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

7LB2FZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
7MJDW2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
7PHQHF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
7PQL9V	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	-
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	-
7RE2R4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
7ULKFB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
7VWDDM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	

TABLE 2

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

Item 1 - STR Results

8889A9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
8AKN9U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
8BQ3BF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8CWR8L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8KHVX9	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8LYKDX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
8N9ANV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

8P2YBX	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
8UZ3FA	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	-				
8VQFHD	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				
8VZPVM	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
8WBCRF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
8Y967Q	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
8YT82F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

8YTEYX	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
8YUTA8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
942GPU	Investigator® 24plex QS, FlexPlex27					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
9792B9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
97GWEE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
98K2L3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
98LD8T	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

9A2PGN	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
9BGXW4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9BKPAK	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
9CDAWD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
9CFWC7	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9EFAT4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9EHWC3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

9FMNU2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
9G2WG4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9J4UNP	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9TDDUV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9TQUYW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
9TXWAN	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
9WY4F6	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				

TABLE 2

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

Item 1 - STR Results

9XF4Q8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
9XVG7L	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
9ZB8TZ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9ZUHK2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
A33D6R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
A42CQL	PowerPlex® Fusion 6C (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
A769YY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

AD22CY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
AEM3MM	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
AG33F7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No results			No results	
ANEWY8	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
AQEPQQ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
ARUYWG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ARZZ6R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	-
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

ATEBAC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
AVD2LQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AWQJ68	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AYGPJC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AYL9YA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
AYXVZ6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	
B278EW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

B2T4BB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
B3DKY8	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	INC				
B489H4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
B78GBR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
B88JD3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
BCCMK3	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
BEGLT6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

BJP2CC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
BLE4GZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
BMJ3R8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
BN2NNB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
BTZT2F	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
BWD796	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
BWGZAP	GlobalFiler™, Signature Prep-Primer Set B					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR	NR	

TABLE 2

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

Item 1 - STR Results

BXWFPQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
BYR76	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
C3CQKQ	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
C3GCNE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
C6BMUK	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
C9RRN9	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
CBDRF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

CCKMYA	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
CCPE9D	Investigator® 24plex					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
CG3AY9	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
CJXRAB	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
CKCHQ8	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
CLEMVF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
CM6QBF	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

CQE7CF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
CUA3H9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
CUCRU4	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	--
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	--	--	15,27.2	7,9	8,12
	16,16	--	--	--	--	--
CUT2JD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
CWGHZJ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
CY3RRQ	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
CY4LLH	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

D4N43D	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
D83PXU	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
D87XPK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DACPAY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DAJBX3	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
DBVZE6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DCJ3XT	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

DD9JUB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DEFV7T	GlobalFiler™ (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DGAN9G	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DH2MBE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DH44RF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
DHN27W	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DHUMWL	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

DHWCB2	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
DJQZJE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DKHYXC	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DL3K4A	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DL8XVM	Investigator 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DLN62U	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DM2QE2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

DNA3ZJ	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,14,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
DPC3Q2	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DQCQJY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DRYKTW	Investigator® 24plex GO!, FlexPlex27					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23		18,21	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A		
DUEARZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DVTD9P	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
DZF4CL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

E2ZH4H	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
E3M4AL	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	NR				
E3PBKN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No result			No result	
E7UEQN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
EBBBDJ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
EDK6LP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
EFBQNM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

EKXHHA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ELU9EM	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	ND	ND	ND		
EPUEXY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
EPYN92	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no results			no results	
ETCNYJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ETRNCB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
EVVKMA	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

EYVRT	GlobalFiler™					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12,12
		12,17	13.2,14	30,32.2	15,16	X,X
		21,23			15,27.2	7,9
	16,16				8,12	
<hr/>						
EXVE2Z	GlobalFiler™					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12,12
		12,17	13.2,14	30,32.2	15,16	X,X
		21,23			15,27.2	7,9
	16,16				8,12	
<hr/>						
EZKTGW	GlobalFiler™					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12
		12,17	13.2,14	30,32.2	15,16	X
		21,23			15,27.2	7,9
	16				8,12	
<hr/>						
F3ZMNB	PowerPlex® Fusion 6C (STRmix)					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12
		12,17	13.2,14	30,32.2	15,16	X
		21,23	9,12	18,21	15,27.2	7,9
	16				8,12	
<hr/>						
F7E8KG	GlobalFiler™ (STRmix)					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12,12
		12,17	13.2,14	30,32.2	15,16	X,X
		21,23			15,27.2	7,9
	16,16	NR			NR	
<hr/>						
F7HETC	Identifiler® Plus					
			17,25		15,17	12,13
	1	10,12	13,15			12,12
		12,17	13.2,14	30,32.2		X,X
		21,23				7,9
	16,16				8,12	
<hr/>						
FDXM7G	PowerPlex® Fusion 5C					
		14,16	17,25	10,14	15,17	12,13
	1	10,12	13,15	13,15	19,22	12,12
		12,17	13.2,14	30,32.2	15,16	X,X
		21,23	9,12	18,21		7,9
	16,16				8,12	

TABLE 2

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

Item 1 - STR Results

FFV7LV	Investigator® 24plex GO					
	14,16	17,25	10,14	15,17	12,13	N/A
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
FGBC7R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
FGL3RB	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
FJEL9M	Investigator® 24plex Direct Amp (GO!)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	--				
FJWADH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
FK2A6U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
FLK8VR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

FLTKV6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
FNHCYZ	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
FNVLKF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	-	-	-	-	
FPEERG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
FQQE7J	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
FTXAPW	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
FUJ8GR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

FKVQ72	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
FDVNBVB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
FW48KE	GlobalFiler™, ArgusX-12					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
FWU2LR	GlobalFiler™ Express (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
G3DJGF	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
G3QUXE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
G9XN6A	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	

TABLE 2

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

Item 1 - STR Results

GEFUAN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
GJ6JDJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
GKPHB6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
GMXR8E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
GQXN36	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
GRPTAH	PowerPlex® ESIFast 16, in-house					
	14,16	17,25	10,14	15,17		
1		13,15	13,15	19,22		12
	12,17	13.2,14	30,32.2	15,16	X	
	21,23				7,9	
	16					
GUGYY9	GlobalFiler™ (STRmix 2.8)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

GVFH9L	Identifiler® Direct					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
GXYH74	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
GY96K9	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
H4GVD8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H4VRMM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
H6XT77	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H8Q72J	Investigator® 24plex QS, GO, FlexPlex 27					
	14,16	17,25	10,14	15,17	12,13	INC
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	INC	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

H8RCLU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H9KW6C	PowerPlex® Fusion, VERIFILER Express					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
H9TURB	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
HAB3JH	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
HDMMYV	Investigator® 24plex GO! (TrueAllele®)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR				
HDVFA8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
HEKZL6	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

HFREMQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
HGXB4E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
HJ9PN2	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
HQA2UG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
HTGA32	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
HZ2MDG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
J47782	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

J4QCTL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
J7KTH9	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JBXLPZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JD8TX3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
JDRHAV	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
JDXLZC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JQR4H6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

JUDDP6	GlobalFiler™ PCR Amplification kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
JW2EJC	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
JZ7ZLX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
K4GFNU	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KBP7H8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
KCF2K8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
KDFRDA	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

KF8BAL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KGYALN	PowerPlex® 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
KHYPDB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
KKXQPA	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KL7D7Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
KL8BRH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KLU4C3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

KPBZVC	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KRQKET	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
KTR2WJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KXJ7T9	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KYYHLH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
KZT7Z8	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
L9BJ9X	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

L9EJDL	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LD7YLL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
LDAVBN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LFPHE4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LG7Y3Q	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LGBENJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LH7YHF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

LH8RBB	PowerPlex® 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
LJKHCT	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LK69Q8	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
LKVB6T	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LL8336	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LLDW4H	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LLUCFQ	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				

TABLE 2

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

Item 1 - STR Results

LLYLQP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NSD			NSD	
LPPPVB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
LPZ7LV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
LQKZJB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
LQRA9B	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LRB7XF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
LXXVF6	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

LY3QJH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LYJ77F	GlobalFiler™ (STRmix v2.4.06)					
	14,16	17,25	10,14	15,17	12,13	-
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	-
M2H3P8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
M4VXZK	NGM SElect and MiniFiler					
	14,16	17,25	10,14	15,17		
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	
	16,16					
M67BGR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
M6GEGJ	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
M9YHHM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

MB3ADG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
MBLDPN	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MJ8XV4	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
MK3R66	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
MK7QMY	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
MKJY9L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MNFHAK	PowerPlex® 21 (STRmix 2.7.0)					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

MNNEE6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
MNVTYE	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MR77C7	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
MRMRXN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
MUPJVN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MVZEK6	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
MYE874	PowerPlex® 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	INC				

TABLE 2

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

Item 1 - STR Results

MYQ46Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MZ7AXW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MZGAJ6	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
N64WNC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
N7UDC7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
N7W4LA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
N9WCAR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

NBBGKQ	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NBG78T	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NDG42M	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
NG37GD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NJTCVJ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
NK23V2	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	-				
NPNVRL	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

NRM3GX	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
NRVAAZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
NVHB9G	PowerPlex® 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
NWYBWR	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
NXDUX3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NXLZA	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,30.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
NXJRQX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

NXREFW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NZ27J2	GlobalFiler™ Express (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
P2AXY7	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
P4LFLY	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
P6NFCG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
PACV66	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PAK8BU	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

PAVNE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	-	-	-		
PBFVQF	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
PEQXAE	Investigator® 24plex GO!/QS					
	14,16	17,25	10,14	15,17	12,13	N/A
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
PFZDRY	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
PJEH DU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
PL6NRZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
PP9KM2	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

PPCY6E	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
PPTH3D	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PRDG8Y	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
PTJ4AN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
PTPGT4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
PUELJJ	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PUGCNG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

PWL2VW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
PXXVHU	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
PY2T8R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
Q299HF	FlexPlex27					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23		18,21	15,27.2	7,9	8,12
	16	NID	NID	NID		
Q2W7XA	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
Q3MCCE	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
Q3W2VY	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	

TABLE 2

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

Item 1 - STR Results

Q648LD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Q8297Q	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
Q8TAXT	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Q9JM67	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QFWDZR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
QGMEYN	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QGXH2Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

QJUGX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QJ6QC7	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QKPJGL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QLTA99	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QM4A7R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
QMXWGV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QNE423	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	

TABLE 2

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

Item 1 - STR Results

QQWTF	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QR67CV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QRHZ6Y	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
QTTKN3	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QVH2TF	GlobalFiler™ Express (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
QZ2FUF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QZHGUW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

R262V3	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
R3CG6U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
R4FTG2						
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
R8UPKH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
RBVJP4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	NT
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	NT	NT	15,27.2	7,9	8,12
	16,16	NR	NT	NT	NR	
RCAXA3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
RCR672	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

RDAJ3W	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
REUUL4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
RFA6QM	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RFCUVK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RGQAFJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RJV27C	Investigator® 24plex GO					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
RKVD9D	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

RL82VX	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RMVZMK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RNJK7A	Identifiler® Plus (Genotyper 3.7)					
		17,25		15,17	12,13	
1	10,12	13,15			12	12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16					
RRT4UN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RU34WA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RWFXAA	NGM Detect					
	14,16	17,25	10,14	15,17		
1		13,15	13,15	19,22		12,12
	12,17	13.2,14	30,32.2	15,16	X,X	
	21,23			15,27.2	7,9	
	16,16					
RWRBJR	GlobalFiler™ Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

RXQ7LP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
RZ9QXP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RZP2CD	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RZQ78F	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
T36XBN	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
T4HT3M	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
T8LZPQ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,13	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

T8MN7Y	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
TAGLN3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
TCFUMR	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
TDFXJV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
TE6CQY	GlobalFiler™ Direct, ArgusX					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
TEAM2R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
TK74RB	Investigator® 24plex GO					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

TKCPXR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
TL2B2K	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
TPR3WP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
TV2XNZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
TVNMAL	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
TWMBYH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
TXE98D	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

TZEY6H	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
U2C86K	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U2LY8J	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U48QA6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
U6HERZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	Not tested
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	Not tested	Not tested	15,27.2	7,9	8,12
	16,16	No result	Not tested	Not tested	No result	
U6TG66	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U7AFQW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

U98DAA	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
1	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
UFKNNQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
UHKKKB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
UHR4UW	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
UJJ6WD	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
UK246F	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
UKEDJT	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

UL2YBQ	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
ULRD TM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
UMFFCB	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	--			--	
UMWV MY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
UN7YEP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
UQE QEC	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
UT9P9A	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

UYB4NJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
UYWBAX	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V4BFEH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
V4GKED	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
V4PY4A	PowerPlex® Fusion 6C Direct					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V6DL7X	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
V7XE2M	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

V8N9KA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
V8P7MM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
V8X2F6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V8XE6T	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
VD7QJ8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
VECHRL	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
VG8EQ8	PowerPlex® Fusion, MiniFiler					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	NR				

TABLE 2

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

Item 1 - STR Results

VH6L9R	Verifiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
VHVH7D	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NID			NID	
VHX223	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
VJJEHE	Investigator® 24plex GO					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
VM9M2F	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
VMHVHJ	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
VRHBQW	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

VRNKUW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
VZ4FRB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
VZE89T	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
W22GHA						
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
W3DWCA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
W4H6TL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
W4ZPPP	VeriFiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

W84HLA	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WA7JGZ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
WBKCRM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WFCKT9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WJBB8U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
WKPJ8M	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WKVZPU	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

WLWTUZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
WMYBBQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
WNTYTL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WQDHQ4	ID+					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
WU3K9P	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
WWG7WJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no result			no result	
WY8MJ6	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

WYYBGT	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
X2DYEE	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X2L8KD	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X2W98C	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X423N7	GlobalFiler™, ForenSeq Signature Prep - Primer Set B					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR	NR	
X9KUEX	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
XBGK4Y	ID+					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

XC8A2D	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XEDU2N	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XFRXLX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
XHHX8N	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
XHNWL7	GlobalFiler™ IQC					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XL2URR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
XLV79M	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 1 - STR Results

XM2N3Y	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
XMAGC6	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
XQCDZE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XQH2F8	Identifiler®, GlobalFiler™, NGM					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XTCVHV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
XTPAVP	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
XUU3CJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 1 - STR Results

XYEVXA	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NID			NID	
XZ8QFC	GlobalFiler™ Express (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
Y3A74U	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
Y4QZ8P	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Y6AYLZ	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
YB8NVY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YEAKME	Investigator® 24plex GO!					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

YEKU22	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
YEZTEK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
YGE6CZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YHD9NN	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
YNJ42W	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
YTKEPN	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
YVK94E	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

YWY8DP	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YXVLZH	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YZ7LQP	GlobalFiler™, Versaplex 27PY					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
Z32J6F	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
Z4H3CY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
Z644FY	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
Z6K4NK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

Z7ZU2F	GlobalFiler™ Express					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
ZCQ8WX	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
ZCZH4Z	GlobalFiler™ (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZDEC7P	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
ZDLPB4	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
ZEQ38U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
ZFH462	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

ZFQFBQ	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
ZHGMPP	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
ZJXVWJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZK7XGE	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
ZKEV9L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
ZKFHYH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZLRUJN	Verifiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					

TABLE 2

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

Item 1 - STR Results

ZNYDZP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
ZQ6ZDU	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
ZQK7QX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
ZQTVYB	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZRF6NW	Identifiler® Plus					
		17,25		15,17	12,13	
1	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
ZT8XHJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZTEPK8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 1 - STR Results

ZVHUAY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZVKW87	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
1	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 2 - STR Results

2283K7	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
22GWMP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
22QVEZ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
2B4UMK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2C26JM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2DUT2J	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2E7P99	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

2FYHDB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2H67JG	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2HUQKT	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
2JQ48L	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2MF2EA	PowerPlex® 21 (STRmix V.2.8)					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
2Q7PEB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2R6T7U	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

2RGNFC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2RUUEK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2TWQKY	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
2UNWPW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2VB2T3	PowerPlex® 21					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
2Z9HH6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
2ZDL3E	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

32QDYJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3BW7BH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3CC7W6	PowerPlex® 21					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
3DBZHQ	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
3DMWPF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3DRJFM	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
3GJWVR	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

3HH66A	PowerPlex® 21					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
3JDH2J	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3K7EGW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3PL2XQ	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
3QKZL2	NGM SElect					
	11,14	21,22	11,14	14,15		
2		14,14	10,15	19,24		8,11
	15,22.2	10,13	28,29	15,15	X,Y	
	20,22			19,22	8,9.3	
	16,17					
3TYXBE	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3TZGP4	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

3UWTFM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3VH3M2	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3W4D23	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3XEFM2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3ZFBDK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3ZJUFL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
3ZKRU3	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

3ZZVEB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
43CLAP	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
43DAQW	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
43VFWK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
44K8WY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
44V33R	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
46M8G4	FlexPlex					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22		7,8	19,20	8,9.3	8,11
	16,17	11	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

46ZVLB	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
47KFTB	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
4884Y3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4BG6C4	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
4CPFWW	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
4FUELQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4G6R89	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

4G7PDA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4HX6R7	Investigator® 24plex QS, Flex Plex 27					
	11,14	21,22	11,14	14,15	11,13	INC
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22.2	N/A	7,8	19,20	8,9.3	8,11
	16,17	11	20	17	N/A	
4JB6ZE	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
4JJLDQ	PowerPlex® 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
4L7D8X	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4LRNJD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4M22LM	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

4MGP6R	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
4PW63X	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4QA4JW	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
4TVJM3	PowerPlex®					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
4UXT3Y	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
4WZKU2	Investigator® 24plex QS (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
4YFNAX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

4ZZCYX	Investigator® 24plex GO					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
64NLYW	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
692DAC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
69QCQV	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
69YN6F	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6AV2R9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6BKD8E	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

6CVDFD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6EDRK3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6EKJZB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6HDBHP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6KDLAJ	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
6KVHHV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6NB3EJ	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

6NRGEV	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
6PJC7F	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6QXBD7	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6RJ3Z4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6UAGDK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6UNT8H	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6V9UPX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

6W83YK	NGM SElect					
	11,14	21,22	11,14	14,15		
2		14,14	10,15	19,24		8,11
	15,22.2	10,13	28,29	15,15	X,Y	
	20,22			19,20	8,9.3	
	16,17					
6WVB7E	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6WZX6F	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
6XF87Z	GlobalFiler™ Direct (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
722ZHA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
73MPRT	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
73NZRH	PowerPlex® Fusion 5c					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

749UAT	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
77277Y	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
77ZX6Z	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
79RFXH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
79UMJF	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
7ALMJC	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
7BZ6RU	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

7CEFME	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7CQDPR	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
7FDRR9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7GJEWH	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
7J8UCA	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7KKC9Z	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
7LB2FZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

7MJDW2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7PHQHF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7PQL9V	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	-
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	-	-	19,20	8,9.3	8,11
	16,17	11	-	-	2	
7RE2R4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7ULKFB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
7VWDDM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8889A9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

8AKN9U	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8BQ3BF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8CWR8L	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8KHVX9	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8LYKDX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8N9ANV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8P2YBX	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

8UZ3FA	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
8VQFHD	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
8VZPVM	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
8WBCRF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8Y967Q	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
8YT82F	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
8YTEYX	PowerPlex® 21					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

8YUTA8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
942GPU	Investigator® 24plex QS, GO!					
	11,14	21,22	11,14	14,15	11,13	N/A
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	N/A	N/A	19,20	8,9.3	8,11
	16,17	11	N/A	N/A	N/A	
9792B9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
97GWEE	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
98K2L3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
98LD8T	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,94	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9A2PGN	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

9BGXW4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9BKPAK	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
9CDAWD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9CFWC7	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
9EFAT4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9EHWC3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9FMNU2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

9G2WG4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9J4UNP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9TDDUV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9TQUYW	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
9TXWAN	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
9WY4F6	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
9XF4Q8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

9XVG7L	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
9ZB8TZ	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
9ZUHK2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
A33D6R	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
A42CQL	PowerPlex® Fusion 6C (STRMix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
A769YY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AD22CY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

AEM3MM	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
AG33F7	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ANEWY8	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AQEPQQ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
ARUYWG	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ARZZ6R	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	-
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	-	-	19,20	8,9.3	8,11
	16,17	11	-	-	2	
ATEBAC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

AVD2LQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AWQJ68	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AYGPJC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AYL9YA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
AYXVZ6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
B278EW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
B2T4BB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

B3DKY8	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	INC				
B489H4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
B78GBR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
B88JD3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BCCMK3	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BEGLT6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BJP2CC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

BLE4GZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BMJ3R8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BN2NNB	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
BTZT2F	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
BWD796	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
BWGZAP	GlobalFiler™, Signature Prep - Primer Set B					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	2	
BXWFPQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

BYR76	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
C3CQKQ	Investigator® 24plex QS						
		11,14	21,22	11,14	14,15	11,13	
	2	12,12	14,14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15,15	X,Y	12,12
		20,22			19,20	8,9.3	8,11
	16,17	11					
C3GCNE	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
C6BMUK	PowerPlex® Fusion 5C						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11					
C9RRN9	PowerPlex® Fusion						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11					
CBLDRF	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
CCKMYA	PowerPlex® Fusion (TrueAllele)						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11					

TABLE 2

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

Item 2 - STR Results

CCPE9D	Investigator® 24plex					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
CG3AY9	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
CJXRAB	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
CKCHQ8	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
CLEMVF	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
CM6QBF	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
CQE7CF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

CUA3H9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
CUCRU4	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	--
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	--	--	19,20	8,9.3	8,11
	16,17	11	--	--	2	
CUT2JD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
CWGHZJ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
CY3RRQ	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
CY4LLH	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
D4N43D	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

D83PXU	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
D87XPK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DACPAY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DAJBX3	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DBVZE6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DCJ3XT	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DD9JUB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

DEFV7T	GlobalFiler™ (STRMix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DGAN9G	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
DH2MBE	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
DH44RF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DHN27W	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DHUMWL	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
DHWCB2	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

DJQZJE	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
DKHYXC	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DL3K4A	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DL8XVM	Investigator 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
DLN62U	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
DM2QE2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DNA3ZJ	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

DPC3Q2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DQCQJY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DRYKTW	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
DUEARZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DVTD9P	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
DZF4CL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
E2ZH4H	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

E3M4AL	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
E3PBKN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
E7UEQN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EBBBDJ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
EDK6LP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EFBQNM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EKXHHA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ELU9EM	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
EPUEXY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EPYN92	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ETCNYJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ETRNCB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EVVKMA	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
EVYVRT	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

EXVE2Z	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
EZKTGW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
F3ZMNB	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
F7E8KG	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
F7HETC	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
FDXM7G	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
FFV7LV	Investigator® 24plex GO, FLEX PLEX 27					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	N/A	N/A	19,20	8,9.3	8,11
	16,17	11	N/A	20	N/A	

TABLE 2

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

Item 2 - STR Results

FGBC7R	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FGL3RB	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
FJEL9M	Investigator® 24plex Direct Amp (GO!)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
FJWADH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FK2A6U	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FLK8VR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FLTKV6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

FNHCYZ	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FNVLKF	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	-	
FPEERG	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FQQE7J	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
FTXAPW	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
FUJ8GR	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
FVKQ72	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

FVNBYB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FW48KE	GlobalFiler™, ArgusX-12					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
FWU2LR	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
G3DJGF	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
G3QUXE	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
G9XN6A	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GEFUAN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

GJ6JDJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GKPHB6	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
GMXR8E	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GQXN36	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GRPTAH	PowerPlex® ESIFast 16, in-house					
	11,14	21,22	11,14	14,15		
2		14	10,15	19,24		8,11
	15,22.2	10,13	28,29	15	X,Y	
	20,22				8,9.3	
	16,17					
GUGYY9	GlobalFiler™ (STRmix 2.8)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GVFH9L	Identifiler® Direct					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

GXHY74	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
GY96K9	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
H4GVD8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
H4VRMM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
H6XT77	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
H8Q72J	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	N/A
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	N/A	N/A	19,20	8,9.3	8,11
	16,17	11	N/A	N/A	N/A	
H8RCLU	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

H9KW6C	PowerPlex® Fusion, VERIFILER Express					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11			2	
H9TURB	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
HAB3JH	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
HDMMYV	Investigator® 24plex GO! (TrueAllele®)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
HDVFA8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
HEKZL6	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
HFREMQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

HGX84E	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
HJ9PN2	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
HQA2UG	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
HTGA32	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
HZ2MDG	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
J47782	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
J4QCTL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

J7KTH9	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
JBXLPZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
JD8TX3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
JDRHAV	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
JDXLZC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
JQR4H6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
JUDDP6	GlobalFiler™ PCR Amplification kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

JW2EJC	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
JZ7ZLX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
K4GFNU	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
KBP7H8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
KCF2K8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
KDFRDA	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
KF8BAL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

KGYALN	PowerPlex® 5C						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11					
KHYPDB	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
KKXQPA	PowerPlex® Fusion 6C						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20			
KL7D7Z	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12,12	14,14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15,15	X,Y	12,12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
KL8BRH	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
KLU4C3	GlobalFiler™						
		11,14	21,22	11,14	14,15	11,13	
	2	12,12	14,14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15,15	X,Y	12,12
		20,22			19,20	8,9.3	8,11
	16,17	11			2		
KPBZVC	PowerPlex® Fusion 6C						
		11,14	21,22	11,14	14,15	11,13	
	2	12	14	10,15	19,24	12,13	8,11
		15,22.2	10,13	28,29	15	X,Y	12
		20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

KRQKET	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
KTR2WJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
KXJ7T9	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
KYYHLH	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
KZT7Z8	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
L9BJ9X	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
L9EJDL	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

LD7YLL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LDAVBN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LFPHE4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LG7Y3Q	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LGBENJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LH7YHF	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
LH8RBB	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

LJKHCT	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LK69Q8	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
LKVB6T	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
LL8336	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LLDW4H	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LLUCFQ	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
LLYLQP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

LPPP VH	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
LPZ7LV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LQKZJB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LQRA9B	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
LRB7XF	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
LXXV F6	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
LY3QJH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

LYJ77F	GlobalFiler™ (STRmix v2.4.06)					
	11,14	21,22	11,14	14,15	11,13	-
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	-	-	19,20	8,9.3	8,11
	16,17	11	-	-	2	
M2H3P8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
M4VXZK	NGM SElect and MiniFiler					
	11,14	21,22	11,14	14,15		
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	
	16,17					
M67BGR	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
M6GEGJ	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
M9YHHM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MB3ADG	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

MBLDPN	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MJ8XV4	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
MK3R66	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
MK7QMY	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
MKJY9L	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MNFHAK	PowerPlex® 21 (STRmix 2.7.0)					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					
MNNEE6	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

MNVTYE	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MR77C7	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
MRMRXN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MUPJVN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MVZEK6	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
MYE874	PowerPlex® 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	INC				
MYQ46Z	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

MZ7AXW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
MZGAJ6	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
N64WNC	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
N7UDC7	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
N7W4LA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
N9WCAR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
NBBGKQ	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

NBG78T	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
NDG42M	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
NG37GD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
NJTCVJ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
NK23V2	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
NPNVRL	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
NRM3GX	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

NRVAAZ	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
	2	12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	
NVHB9G	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
	2	12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	
NWYBWR	GlobalFiler™ Express					
		11,14	21,22	11,14	14,15	11,13
	2	12,12	14,14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15,15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	
NXDUX3	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
	2	12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	
NXJLZA	Identifiler® Plus					
			21,22		14,15	11,13
	2	12,12	14,14			12,13
		15,22.2	10,13	28,29		X,Y
		20,22				8,9.3
	16,17					
NXJRQX	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
	2	12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	
NXREFW	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
	2	12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

NZ27J2	GlobalFiler™ Express (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
P2AXY7	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
P4LFLY	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
P6NFCG	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
PACV66	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
PAK8BU	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
PAVNE	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

PBFVQF	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PEQXAE	Investigator® 24plex GO!/QS, FlexPlex27					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	N/A	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	N/A	
PFZDRY	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
PJEH DU	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PL6NRZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PP9KM2	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
PPCY6E	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

PPTH3D	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
PRDG8Y	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PTJ4AN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PTPGT4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
PUELJJ	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
PUGCNG	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
PWL2VW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

PXXVHU	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
PY2T8R	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
Q299HF	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
Q2W7XA	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
Q3MCCE	Investigator® 24plex QS (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
Q3W2VY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Q648LD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

Q8297Q	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Q8TAXT	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Q9JM67	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
QFWDZR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QGMEYN	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
QGXH2Z	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QHJUGX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

QJ6QC7	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
QKPJGL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QLTA99	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QM4A7R	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
QMXWGV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QNE423	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QQWTF	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

QR67CV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QRHZ6Y	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QTTKN3	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
QVH2TF	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QZ2FUF	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
QZHGUW	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
R262V3	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

R3CG6U	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
R4FTG2	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
R8UPKH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RBVJP4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	NT
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	NT	NT	19,20	8,9.3	8,11
	16,17	11	NT	NT	2	
RCAXA3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RCR672	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
RDAJ3W	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

REUUL4	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RFA6QM	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
RFCUVK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RGQAFJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RJV27C	Investigator® 24plex GO					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
RKVD9D	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
RL82VX	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

RMVZMK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RNJK7A	Identifiler® Plus (Genotyper 3.7)					
		21,22		14,15	11,13	
2	12	14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12
	20,22				8,9.3	8,11
	16,17					
RRT4UN	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RU34WA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RWFXAA	NGM Detect					
	11,14	21,22	11,14	14,15		
2		14,14	10,15	19,24		8,11
	15,22.2	10,13	28,29	15,15	X,Y	
	20,22			19,20	8,9.3	
	16,17				2	
RWRBJR	GlobalFiler™ Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RXQ7LP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

RZ9QXP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RZP2CD	GlobalFiler™ (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
RZQ78F	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
T36XBN	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
T4HT3M	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
T8LZPQ	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
T8MN7Y	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

TAGLN3	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TCFUMR	PowerPlex® Fusion 5c					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
TDFXJV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TE6CQY	GlobalFiler™ Direct, ArgusX					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TEAM2R	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TK74RB	Investigator® 24plex GO					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
TKCPXR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

TL2B2K	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	2	
TPR3WP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TV2XNZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TVNMAL	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
TWMBYH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
TXE98D	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
TZEY6H	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

U2C86K	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
U2LY8J	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
U48QA6	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
U6HERZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	Not tested
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	Not tested	Not tested	19,20	8,9.3	8,11
	16,17	11	Not tested	Not tested	2	
U6TG66	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
U7AFQW	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
U98DAA	PowerPlex® 21					
	11,14	21,22		14,15	11,13	12,13
2	12,12	14,14		19,24	12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17					

TABLE 2

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

Item 2 - STR Results

UFKNNQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
UHKKKB	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UHR4UW	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UJJ6WD	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UK246F	Investigator® 24plex GO!					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11				
UKEDJT	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UL2YBQ	GlobalFiler™ PCR Amplification Kit					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ULRDTM	GlobalFiler™					
2	11,14	21,22	11,14	14,15	11,13	
	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
UMFFCB	GlobalFiler™ Express					
2	11,14	21,22	11,14	14,15	11,13	
	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
UMWVMY	PowerPlex® Fusion 6C					
2	11,14	21,22	11,14	14,15	11,13	
	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UN7YEP	GlobalFiler™					
2	11,14	21,22	11,14	14,15	11,13	
	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
UQEQEC	PowerPlex® Fusion 6C					
2	11,14	21,22	11,14	14,15	11,13	
	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
UT9P9A	GlobalFiler™					
2	11,14	21,22	11,14	14,15	11,13	
	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
UYB4NJ	GlobalFiler™					
2	11,14	21,22	11,14	14,15	11,13	
	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

UYWBAX	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
V4BFEH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
V4GKED	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
V4PY4A	PowerPlex® Fusion 6C Direct					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
V6DL7X	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
V7XE2M	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
V8N9KA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

V8P7MM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
V8X2F6	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
V8XE6T	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
VD7QJ8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
VECHRL	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
VG8EQ8	PowerPlex® Fusion, MiniFiler					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
VH6L9R	Verifiler Plus					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17				2	

TABLE 2

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

Item 2 - STR Results

VHVH7D	FlexPlex 27					
		11,14	21,22	11,14	14,15	11,13
2		12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22		7,8	19,20	8,9.3
		16,17	11	17	20	
VHX223	PowerPlex® Fusion 6C					
		11,14	21,22	11,14	14,15	11,13
2		12,12	14,14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15,15	X,Y
		20,22	2.2,12	7,8	19,20	8,9.3
		16,17	11	17	20	
VJJEHE	Investigator® 24plex GO					
		11,14	21,22	11,14	14,15	11,13
2		12,12	14,14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15,15	X,Y
		20,22			19,20	8,9.3
		16,17	11			
VM9M2F	PowerPlex® Fusion 6C					
		11,14	21,22	11,14	14,15	11,13
2		12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22	2.2,12	7,8	19,20	8,9.3
		16,17	11	17	20	
VMHVHJ	Investigator® 24plex QS					
		11,14	21,22	11,14	14,15	11,13
2		12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22			19,20	8,9.3
		16,17	11			
VRHBQW	PowerPlex® Fusion					
		11,14	21,22	11,14	14,15	11,13
2		12	14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15	X,Y
		20,22	2.2,12	7,8		8,9.3
		16,17	11			
VRNKUW	GlobalFiler™					
		11,14	21,22	11,14	14,15	11,13
2		12,12	14,14	10,15	19,24	12,13
		15,22.2	10,13	28,29	15,15	X,Y
		20,22			19,20	8,9.3
		16,17	11			2

TABLE 2

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

Item 2 - STR Results

VZ4FRB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
VZE89T	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
W22GHA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
W3DWCA	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
W4H6TL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
W4ZPPP	VeriFiler Plus					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17				2	
W84HLA	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

WA7JGZ	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
WBKCRM	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WFCKT9	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WJBB8U	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WKPJ8M	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WKVZPU	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
WLWTUZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

WMYBBQ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WNTYTL	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WQDHQ4	ID+					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
WU3K9P	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WWG7WJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
WY8MJ6	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
WYYBGT	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

X2DYYE	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
X2L8KD	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
X2W98C	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
X423N7	GlobalFiler™, ForenSeq Signature Prep - Primer Set B					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	2	
X9KUEX	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
XBGK4Y	ID+					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
XC8A2D	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

XEDU2N	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XFRXLX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XHHX8N	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XHNWL7	GlobalFiler™ IQC					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XL2URR	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XLV79M	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XM2N3Y	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

XMAGC6	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
XQCDZE	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XQH2F8	Identifiler®, GlobalFiler™, NGM					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XTCVHV	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XTPAVP	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
XUU3CJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
XYEVXA	Flex Plex					
	11,14	21,22	11,14	14,15	11,13	12,13
2	NID	NID	10,15	19,24	12,13	8,11
	NID	10,13	28,29	NID	X,Y	12
	20,22		7,8	19,20	8,9.3	8,11
	16,17	11	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

XZ8QFC	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Y3A74U	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
Y4QZ8P	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Y6AYLZ	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
YB8NVY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
YEAKME	Investigator® 24plex QS					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11				
YEKUZZ	PowerPlex® Fusion 6C (STRmix)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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

YEZTEK	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
YGE6CZ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
YHD9NN	PowerPlex® Fusion (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
YNJ42W	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
YTKEPN	PowerPlex® Fusion 5c					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
YVK94E	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
YWY8DP	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

YXVLZH	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
YZ7LQP	GlobalFiler™, Versaplex 27PY					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20	2	
Z32J6F	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Z4H3CY	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
Z644FY	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
Z6K4NK	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
Z7ZU2F	GlobalFiler™ Express					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ZCQ8WX	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
ZCZH4Z	GlobalFiler™ (TrueAllele)					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZDEC7P	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
ZDLPB4	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	17	20		
ZEQ38U	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZFH462	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZFQFBQ	PowerPlex® Fusion					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				

TABLE 2

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

Item 2 - STR Results

ZHGMPP	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
ZJXVWJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZK7XGE	PowerPlex® Fusion 5C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17	11				
ZKEV9L	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZKFHYH	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZLRUJN	Verifiler Plus					
	11,14	21,22	11,14	14,15	11,13	12,13
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22	2.2,12	7,8		8,9.3	8,11
	16,17				2	
ZNYDZP	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ZQ6ZDU	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
ZQK7QX	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZQTVYB	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZRF6NW	Identifiler® Plus					
		21,22		14,15	11,13	
2	12,12	14,14			12,13	8,11
	15,22.2	10,13	28,29		X,Y	12,12
	20,22				8,9.3	8,11
	16,17					
ZT8XHJ	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12	14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15	X,Y	12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	
ZTEPK8	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,11	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11,11			2	
ZVHUAY	GlobalFiler™					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22			19,20	8,9.3	8,11
	16,17	11			2	

TABLE 2

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

Item 2 - STR Results

ZVKW87	PowerPlex® Fusion 6C					
	11,14	21,22	11,14	14,15	11,13	
2	12,12	14,14	10,15	19,24	12,13	8,11
	15,22.2	10,13	28,29	15,15	X,Y	12,12
	20,22	2.2,12	7,8	19,20	8,9.3	8,11
	16,17	11	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 3 - STR Results

2283K7	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
22GWMP	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
22QVEZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
2B4UMK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2C26JM	GlobalFiler™					
	14,15,16	17,19,[21],25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2DUT2J	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2E7P99	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

2FYHDB	GlobalFiler™					
	14,[15],16	17,[19],[21],25	10,[11],14	15,17	[11],12,13	
3	10,12	[12],13,15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	[13],13.2,14	[29],30,[31],32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,[27.2]	7,[8],9	[6],8,[11],12
	16,[17]	11			[2]	
2H67JG	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2HUQKT	PowerPlex® Fusion 6C (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
2JQ48L	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2MF2EA	PowerPlex® 21 (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
2Q7PEB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2R6T7U	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

2RGNFC	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2RUUEK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2TWQKY	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
2UNWPW	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2VB2T3	PowerPlex® 21 (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
2Z9HH6	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
2ZDL3E	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

32QDYJ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3BW7BH	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3CC7W6	PowerPlex® 21 (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
3DBZHQ	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
3DMWPF	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3DRJFM	PowerPlex® Fusion (TrueAllele)					
	14,[15],16	17,[19,21],25	10,[11],14	15,[17]	11,12,13	
3	10,12	[12,13],15	[10],13,15	17,19,19.1,22	12	[10,11],12
	12,15,17	[13],13.2,14	29,30,[31],32.2	11,15,16,[17]	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,[17]	11				
3GJWVR	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

3HH66A	PowerPlex® 21 (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
3JDH2J	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,[8],9	6,8,11,12
	16,17	11			2	
3K7EGW	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
3PL2XQ	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
3QKZL2	NGM SElect					
	14,15,16	17,19,21,25	10,11,14	15,17		
3		12,13,15	10,13,15	17,19,19.1,22		10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	
	21,23			15,18,27.2	7,8,9	
	16,17					
3TYXBE	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3TZGP4	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

3UWTFM	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3VH3M2	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3W4D23	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3XEFM2	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3ZFBDK	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3ZJUFL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
3ZKRU3	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

3ZZVEB	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
43CLAP	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
43DAQW	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
43VFWK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
44K8WY	(STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
44V33R	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
46M8G4	PowerPlex® Fusion 6C (STRmix)					
	14,(15),16	17,19,21,25	10,(11),14	15,(17)	(11),12,13	
3	10,(12)	(12),13,15	(10),(13),15	17,19,19.1,22	12	(10),(11),12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,(Y)	10,11,(12)
	21,23	9,12	9,14,18,21	15,18,27.2	7,(8),9	6,8,11,12
	16,(17)	11	17	19		

TABLE 2

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

Item 3 - STR Results

46ZVLB	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
47KFTB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
4884Y3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
4BG6C4	PowerPlex® Fusion 6C (STRMIX)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
4CPFWW	PowerPlex® Fusion (TrueAllele)					
	14,[15,16]	17,19,21,25	10,[11],14	15,17	[11],12,13	
3	10,[12]	[12],13,15	[10],13,15	17,19,19.1,22	12	[10,11],12
	12,15,17	13,13.2,14	29,30,31,32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		7,[8],9	6,8,11,12
	16,[17]	11				
4FUELQ	GlobalFiler™					
	14,15,16	17,19,21,25	[10],[11],14	15,17	11,12,13	
3	10,[12]	[12],[13],15	10,13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,[11],[12]
	21,23			15,18,27.2	[7],[8],9	6,8,11,12
	16,[17]	11			2	
4G6R89	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

4G7PDA	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
4HX6R7	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	N/A
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	N/A	N/A	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	N/A	N/A	N/A	
4JB6ZE	PowerPlex® Fusion (TrueAllele)					
	14,[15],[16]	17,19,21,25	10,[11],14	15,[17]	11,12,13	
3	10,[12]	[12],13,15	[10],13,15	17,19,[19.1],22	12	[10],[11],12
	12,15,17	[13],13.2,14	29,30,31,32.2	11,15,16,[17]	X,[Y]	10,11,[12]
	21,23	9,12	9,[14],18,21		7,8,9	[6],8,11,12
	16,[17]	11				
4JJLDQ	PowerPlex® 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
4L7D8X	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
4LRNJD	GlobalFiler™ (STRmix v2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
4M22LM	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

4MGP6R	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
4PW63X	Identifiler® Plus, MiniFiler					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
4QA4JW	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
4TVJM3	PowerPlex® (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
4WZKU2	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
4YFNAX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
4ZZCYX	Investigator® 24plex					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

64NLYW	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
692DAC	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
69QCQV	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
69YN6F	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6AV2R9	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6BKD8E	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6CVDFD	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

6EDRK3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6EKJZB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6HDBHP	GlobalFiler™ (STRmix Version 2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6KDLAJ	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
6KVHHV	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6NB3EJ	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
6NRGEV	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

6PJC7F	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6QXBD7	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6RJ3Z4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6UAGDK	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6UNT8H	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6V9UPX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6W83YK	NGM SElect					
	14,15,16	17,19,21,25	10,11,14	15,17		
3		12,13,15	10,13,15	17,19,19.1,22		10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	
	21,23			15,18,27.2	7,8,9	
	16,17					

TABLE 2

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

Item 3 - STR Results

6WVB7E	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6WZX6F	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
6XF87Z	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17,18	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
722ZHA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
73MPRT	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
73NZRH	PowerPlex® Fusion 5c					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
749UAT	PowerPlex® Fusion 5C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

77277Y	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
77ZX6Z	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
79RFXH	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
79UMJF	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
7ALMJC	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
7BZ6RU	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7CEFME	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

7CQDPR	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
7FDRR9	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7GJEWH	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
7J8UCA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7KKC9Z	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
7LB2FZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7MJDW2	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

7PHQHF	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7PQL9V	GlobalFiler™ (STRmix V2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	-
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	-	-	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	-	-	2	
7RE2R4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7ULKFB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
7VWDDM	GlobalFiler™ (STRmix version 2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8889A9	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8AKN9U	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

8BQ3BF	GlobalFiler™					
	14,[15],16	17,[19],[21],25	10,[11],14	15,[17]	[11],[12],13	
3	10,[12]	[12],13,15	[10],13,15	[17],19,[19.1],22	12,12	[10],[11],12
	12,15,17	[13],[13.2],14	29,30,[31],32.2	[11],15,16,[17]	X,[Y]	10,[11],[12]
	21,23			15,18,[27.2]	7,[8],9	[6],8,[11],12
	16,[17]	11			2	
8CWR8L	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8KHVX9	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8LYKDX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8N9ANV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8P2YBX	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
8UZ3FA	PowerPlex® Fusion (TrueAllele)					
	14,[15],16	17,[19],[21],25	10,[11],14	15,17	[11],12,13	
3	10,[12]	12,13,15	[10],13,15	[17],19,[19.1],22	12	[10],11,12
	12,15,17	[13],[13.2],14	29,30,[31],32.2	11,15,16,[17]	X,[Y]	10,11,12
	21,23	9,12	9,14,18,21		7,[8],9	[6],8,11,12
	16,[17]	11				

TABLE 2

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

Item 3 - STR Results

8VL7F3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8VQFHD	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
8VZPVM	PowerPlex® Fusion (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
8WBCRF	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	14,15,16,17	11,12,13	
3	9,10,12	12,13,14,15	10,13,14,15	17,19,19.1,22	11,12	10,11,12
	11,12,14,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	20,21,22,23			15,18,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
8Y967Q	PowerPlex® Fusion 5C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
8YT82F	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
8YTEYX	PowerPlex® 21 (STRmix)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14
3	10,12	12,13,15		17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					

TABLE 2

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

Item 3 - STR Results

8YUTA8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
942GPU	Investigator® 24plex QS, FlexPlex27					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3
3	10,11,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	N/A	14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19	N/A	
9792B9	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
97GWEE	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
98K2L3	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,18,19,20,21,24,25	9,10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	10,12,13,14,15	17,18,19,19.1,21,22	11,12	10,11,12
	11,12,14,15,16,17	12,12.2,13,13.2,14	29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,17.2,18,26.2,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
98LD8T	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,[12]	12,13,15	10,13,15	[17],19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	[29],30,31,32.2	11,15,16,17	X,[Y]	10,11,12
	21,23			15,18,27.2	7,[8],9	6,8,11,12
	16,[17]	11			2	
9A2PGN	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

9BGXW4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9BKPAK	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
9CDAWD	GlobalFiler™					
	14,15,16	17,[19],21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,[31],32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	[6],8,11,12
	16,17	11			2	
9CFWC7	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
9EFAT4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,[8],9	6,8,11,12
	16,17	11			2	
9EHWC3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9FMNU2	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

9G2WG4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9J4UNP	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9TDDUV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9TQUYW	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
9TXWAN	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
9WY4F6	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
9XF4Q8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

9XVG7L	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
9ZB8TZ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
9ZUHK2	GlobalFiler™ (STRmix V2.5.11)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
A33D6R	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
A42CQL	PowerPlex® Fusion 6C (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
A769YY	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

AD22CY	GlobalFiler™ (STRmix)					
	13,13.2,14,15,16	16,17,18,19,20,21,2 4,25	9,10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	9,10,12,13,14,15	16,17,18,18.1,19,19.1 .21,22	11,12	10,11,12
	11,12,14,15,16,17	12,12.2,13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,17.2,18 .26.2,27,27.2	7,8,9	6,8,11,12
	15,16,17	10,11			2	
AEM3MM	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
AG33F7	GlobalFiler™ (STRmix 2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ANEWY8	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
AQEPQQ	PowerPlex® Fusion 6C (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
ARUYWG	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

ARZZ6R	GlobalFiler™ (STRmix v2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	-
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	-	-	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	-	-	2	
ATEBAC	GlobalFiler™					
	14,15,16	17,[19],21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	[6],8,[11],12
	16,[17]	11			2	
AVD2LQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
AWQJ68	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
AYGPJC	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
AYL9YA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
AYXVZ6	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

B278EW	GlobalFiler™ (STRmix)					
	13,13.2,14,15,16	16,17,18,19,20,21,24,25	9,10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	9,10,12,13,14,15	16,17,18,18.1,19,19.1,21,22	11,12	9,10,11,12
	11,12,14,15,16,17	12,12.2,13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17,18	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,17.2,18,26.2,27,27.2	6,7,8,9	6,8,11,12
	15,16,17	10,11			2	
B2T4BB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
B3DKY8	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	INC				
B489H4	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
B78GBR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
B88JD3	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

BCCMK3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BEGLT6	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BJP2CC	GlobalFiler™					
	14,[15],[16]	17,[19],[21],[25]	10,[11],14	15,[17]	[11],12,13	
3	10,[12]	[12],13,15	[10],[13],15	17,19,[19.1],22	12,12	[10],[11],12
	12,15,17	[13],13.2,14	[29],30,[31],32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,[27.2]	[7],[8],9	6,8,11,12
	16,[17]	11			2	
BLE4GZ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BMJ3R8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BN2NNB	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
BTZT2F	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

BWD796	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BWGZAP	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
BXWFPQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
BYR76	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
C3CQKQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
C3GCNE	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
C6BMUK	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

C9RRN9	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
CBLDRF	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
CCKMYA	PowerPlex® Fusion (TrueAllele)					
	14,15,16	17,19,21,25	10,[11],14	15,[17]	11,12,13	
3	10,[12]	[12],[13],15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	[13],13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,[11],[12]
	21,23	9,12	9,[14],18,21		7,8,9	6,8,11,12
	16,[17]	11				
CCPE9D	Investigator® 24plex (STRmix)					
	14,[15],[16]	17,[19],21,25	[10],[11],14	15,[17]	[11],12,13	
3	10,[12]	12,13,15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	[13],[13.2],14	29,30,31,32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,[17]	11				
CG3AY9	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
CJXRAB	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
CKCHQ8	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

CLEMFV	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
CM6QBF	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
CQE7CF	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
CUA3H9	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
CUCRU4	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	--
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	--	--	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	--	--	2	
CUT2JD	GlobalFiler™ (STRmix)					
	13,14,15,16	17,19,21,24,25	9,10,11,13,14	14,15,16,17	11,12,13	
3	9,10,11,12	12,13,14,15	10,12,13,14,15	16,17,18,19,19.1,21,22	11,12	10,11,12
	11,12,14,15,16,17	13,13.2,14	29,30,31,31.2,32.2	11,14,15,16,17	X,Y	10,11,12
	20,21,22,23			14,15,17,18,26.2,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
CWGHZJ	PowerPlex® Fusion 6C (STRmix V2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

CY3RRQ	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
CY4LLH	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
D4N43D	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
D83PXU	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
D87XPK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DACPAY	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DAJBX3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

DBVZE6	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DCJ3XT	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DD9JUB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DEFV7T	GlobalFiler™ (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DGAN9G	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
DH2MBE	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
DH44RF	GlobalFiler™ (STRmix 2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

DHN27W	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	11,12
	12,15,17	13,13.2,14	29,30,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,12
	16,17	11			2	
DHUMWL	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
DHWCB2	PowerPlex® Fusion 5C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
DJQZJE	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
DKHYXC	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,19,21,24,25	10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	10,12,13,14,15	17,18,19,19.1,21,22	11,12	10,11,12
	12,14,15,16,17	13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,15,17,17.2,18,26.2,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
DL3K4A	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DL8XVM	Investigator® 24plex					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

DLN62U	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
DM2QE2	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DNA3ZJ	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
DPC3Q2	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DQCQJY	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
DRYKTW	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
DUEARZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

DVTD9P

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

DZF4CL

GlobalFiler™

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

E2ZH4H

PowerPlex® Fusion 6C (STRmix)

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

E3M4AL

PowerPlex® Fusion

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

E3PBKN

GlobalFiler™ (STRmix 2.4)

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

E7UEQN

GlobalFiler™

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

EBBBDJ

PowerPlex® Fusion 6C (STRmix)

	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

EDK6LP	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EFBQNM	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EKXHHA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ELU9EM	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
EPUEXY	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EPYN92	GlobalFiler™ (STRmix v2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ETCNYJ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

ETRNCB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EVVKMA	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
EVYVRT	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EXVE2Z	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
EZKTGW	GlobalFiler™					
	14,[15],16	17,[19,21],25	10,[11],14	15,17	[11],12,13	
3	10,12	[12],13,15	[10],13,15	[17],19,[19.1],22	12	[10,11],12
	12,15,17	[13],13.2,14	[29],30,[31],32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,27.2	7,[8],9	[6],8,[11],12
	16,[17]	11			2	
F3ZMNB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
F7E8KG	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

F7HETC	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
FDXM7G	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
FGBC7R	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FGL3RB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
FJEL9M	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
FJWADH	PowerPlex® 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
FK2A6U	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

FLK8VR	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FLTKV6	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FNHCYZ	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FNVLKF	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19	-	
FPEERG	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FQQE7J	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FTXAPW	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

FUJ8GR	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
FVKQ72	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FVNBYB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FW48KE	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
FWU2LR	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
G3DJGF	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
G3QUXE	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

G9XN6A	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
GEFUAN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
GJ6JDJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	28,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
GKPHB6	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
GMXR8E	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11,12			2	
GQXN36	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
GRPTAH	PowerPlex® ESIFast 16					
	14,[15,16]	17,19,[21],25	10,[11],14	15,[17]		
3		12,13,15	[10],13,15	17,19,19.1,22		[10,11],12
	12,15,[17]	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	
	21,23				7,[8],9	
	16,[17]					

TABLE 2

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

Item 3 - STR Results

GUGYY9	GlobalFiler™ (STRmix 2.8)					
	13,14,15,16	17,19,21,24,25	10,11,13,14	14,15,16,17	11,12,13	
3	9,10,11,12	12,13,14,15	10,12,13,14,15	17,18,19,21,22	11,12	10,11,12
	11,12,14,15,16,17	13,13.2,14	29,30,31,32.2	11,14,15,16,17	X,Y	10,11,12
	20,21,22,23			14,15,17,18,26.2,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
GVFH9L	Identifiler® Plus					
		17,17,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,21.2,23				7,8,9	6,8,11,12
	16,17					
GXHY74	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
GY96K9	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
H4GVD8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
H4VRMM	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
H6XT77	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

H8Q72J	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	N/A
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	N/A	N/A	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	N/A	N/A	N/A	
H8RCLU	GlobalFiler™ (STRmix version 2.7)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
H9KW6C	PowerPlex® Fusion, VERFILER Express					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11			2	
H9TURB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
HAB3JH	PowerPlex® Fusion 5C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
HDMMYV	Investigator® 24plex QS (TrueAllele®)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
HDVFA8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

HEKZL6	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
HFREMQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
HGX4E	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
HJ9PN2	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
HQA2UG	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
HTGA32	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
HZ2MDG	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

J47782	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	[12],13,15	10,13,15	[17],19,[19.1],22	12	10,11,12
	12,15,17	[13],13.2,14	[29],30,[31],32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,27.2	7,[8],9	[6],8,[11],12
	16,[17]	11			2	
J4QCTL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
J7KTH9	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
JBXLPZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
JD8TX3	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
JDRHAV	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
JDXLZC	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

JQR4H6	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
JUDDP6	GlobalFiler™ PCR Amplification kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
JW2EJC	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
JZ7ZLX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
K4GFNU	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KBP7H8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KCF2K8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

KDFRDA	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KF8BAL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KGYALN	PowerPlex® 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
KHYPDB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KKXQPA	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KL7D7Z	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KL8BRH	GlobalFiler™					
	14,[15],[16]	17,[19],21,25	10,[11],14	15,[17]	[11],12,13	
3	10,[12]	[12],[13],15	10,13,15	[17],19,19.1,22	12	[10],[11],12
	12,15,17	[13],13.2,14	[29],30,31,32.2	[11],15,16,[17]	X,[Y]	10,11,[12]
	21,23			15,18,27.2	7,[8],9	6,8,[11],12
	16,[17]	11			2	

TABLE 2

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

Item 3 - STR Results

KLU4C3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KPBZVC	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KRQKET	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KTR2WJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KXJ7T9	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
KYYHLH	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
KZT7Z8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

L9BJ9X	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
L9EJDL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LD7YLL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LDAVBN	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LFPHE4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LG7Y3Q	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LGBENJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

LH7YHF	PowerPlex® Fusion 6C (STRMix v.2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
LH8RBB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
LJKHCT	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LK69Q8	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
LKVB6T	Investigator® 24plex QS					
	14,15,16	17,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
LL8336	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LLDW4H	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

LLUCFQ	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
LLYLQP	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LPPPVH	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
LPZ7LV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LQKZJB	GlobalFiler™ (STRMIX)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LQRA9B	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LRB7XF	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

LXXVF6	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
LY3QJH	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
LYJ77F	GlobalFiler™ (STRmix v2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	-
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	-	-	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	-	-	2	
M2H3P8	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
M4VXZK	NGM SElect and MiniFiler and ESI 17 Fast					
	14,[15],[16]	17,[19],21,25	10,[11],14	15,[17]		
3	10,[12]	[12],13,15	[10],13,15	[17],19,[19.1],22	12	[10],[11],12
	12,[15],[17]	[13],[13.2],14	29,30,[31],32.2	[11],15,16,[17]	X,[Y]	10,[11],[12]
	21,23			15,18,[27.2]	[7],[8],9	
	16,[17]					
M67BGR	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
M6GEGJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

M6XLM2	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
M9YHHM	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MB3ADG	PowerPlex® Fusion 6C (STRMix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
MBLDPN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MJ8XV4	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
MK3R66	Identifiler® Plus (STR-mix)					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
MK7QMY	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

MKJY9L	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MNFHAK	PowerPlex® 21 (STRmix 2.7.0)					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
MNNEE6	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
MNVTYE	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MR77C7	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
MRMRXN	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MUPJVN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

MVZEK6	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
MYE874	PowerPlex® 5C (STRmix v 2.7)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	INC				
MYQ46Z	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MZ7AXW	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
MZGAJ6	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
N64WNC	Identifiler® Plus, MiniFiler					
		17,19,21,25		15,[17]	11,12,13	
3	10,[12]	[12],[13],15			12,12	[10],[11],12
	[12],15,[17]	[13],[13.2],14	29,30,31,32.2		X,[Y]	10,[11],[12]
	21,23				7,8,9	[6],8,11,12
	16,[17]					
N7UDC7	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

N7W4LA	GlobalFiler™ (strmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
N9WCAR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NBBGKQ	Investigator® 24plex QS (STRmix v2.9.1)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
NBG78T	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17,18	X,Y	10,11,12
	21,23			15,18,27,27.2	7,8,9	6,8,11,12
	16,17,18	11			2	
NDG42M	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NG37GD	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NJTCVJ	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

NK23V2	PowerPlex® Fusion					
	14,[15],16	17,19,21,25	10,[11],14	15,[17]	11,12,13	
3	10,[12]	[12],13,15	[10],13,15	[17],19,[19.1],22	12	[10],[11],12
	12,15,17	[13],[13.2],14	[29],30,31,32.2	[11],15,16,17	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		7,[8],9	[6],8,11,12
	16,[17]	11				
NPNVRL	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
NRM3GX	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NRVAAZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NVHB9G	Investigator® 24plex (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
NWYBWR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NXDUX3	GlobalFiler™ (BulletProof Sentry)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

NXLZA	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
NXRQX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NXREFW	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
NZ27J2	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
P2AXY7	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
P4FLY	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
P6NFCG	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

PACV66	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PAK8BU	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
PAVNE	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PBFVQF	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
PEQXAE	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	N/A
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	N/A	N/A	15,18,27.2	7,9	6,8,11,12
	16,17	11	N/A	N/A	N/A	
PFZDRY	PowerPlex® Fusion (TrueAllele)					
	14,[15],16	17,[19],[21],25	10,[11],14	15,[17]	[11],12,13	
3	10,12	[12],13,15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	[13],13.2,14	29,30,[31],32.2	11,15,16,17	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		7,[8],9	[6],8,[11],12
	16,[17]	11				
PJEH DU	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

PL6NRZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
PP9KM2	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
PPCY6E	PowerPlex® Fusion 6C (STRMix 2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PPTH3D	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PRDG8Y	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
PTJ4AN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
PTPGT4	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

PUELJJ	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PUGCNG	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
PWL2VW	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
PXXVHU	PowerPlex® Fusion (TrueAllele)					
	14,[15],16	17,19,21,25	10,[11],14	15,[17]	11,12,13	
3	10,[12]	12,13,15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,12
	21,23	9,12	9,14,18,21		7,[8],9	6,8,11,12
	16,[17]	11				
PY2T8R	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
Q2W7XA	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
Q3MCCE	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

Q3W2VY	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Q648LD	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Q8297Q	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Q8TAXT	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Q9JM67	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
QFWDZR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QGMEYN	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

QGXH2Z	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QHJUGX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QJ6QC7	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
QKPJGL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QLTA99	GlobalFiler™ (STR-mix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QM4A7R	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
QMNXXM	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

QMXWGV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QNE423	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QQWTF	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
QR67CV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QRHZ6Y	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QTTKN3	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
QVH2TF	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

QZ2FUF	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
QZHGUW	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
R262V3	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
R3CG6U	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
R4FTG2						
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
R8UPKH	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RBVJP4	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	NT
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	NT	NT	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	NT	NT	2	

TABLE 2

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

Item 3 - STR Results

RCAXA3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RCR672	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
RDAJ3W	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
REUUL4	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RFA6QM	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
RFCUVK	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RGQAFJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

RJV27C	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
RKVD9D	PowerPlex® Fusion 6C (STRmix v 2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
RL82VX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RMVZMK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RNJK7A	Identifiler® Plus (Genotyper 3.7)					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
RRT4UN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RU34WA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

RWFXAA	NGM Detect					
	14,15,16	17,19,21,25	10,11,14	15,17		
3		12,13,15	10,13,15	17,19,19.1,22		10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	
	21,23			15,18,27.2	7,8,9	
	16,17				2	
RWRBJR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RXQ7LP	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RZ9QXP	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RZP2CD	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
RZQ78F	PowerPlex® Fusion 6C (STRmix 2.6.1)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
T36XBN	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

T4HT3M	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
T8LZPQ	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
T8MN7Y	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
TAGLN3	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
TCFUMR	PowerPlex® Fusion 5c					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
TDFXJV	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,[8],9	[6],8,11,12
	16,17	11			2	
TE6CQY	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

TEAM2R	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
TK74RB	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
TKCPXR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
TL2B2K	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
TPR3WP	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
TV2XNZ	GlobalFiler™					
	14,15,16	17,[19],[21],25	10,11,14	15,17	11,12,13	
3	10,[12]	12,13,15	10,13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,[12]
	21,23			15,18,27.2	7,[8],9	[6],8,[11],12
	16,[17]	11			2	
TVNMAL	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

TWMBYH	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
TXE98D	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
TZEY6H	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,18,19,20,21,24,25	9,10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	10,12,13,14,15	16,17,18,18.1,19,19.1,21,22	11,12	9,10,11,12
	11,12,14,15,16,17	12,12.2,13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,17.2,18,26.2,27,27.2	6,7,8,9	6,8,11,12
	15,16,17	10,11			2	
U2C86K	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
U2LY8J	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
U48QA6	Identifiler® Plus, MiniFiler					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					

TABLE 2

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

Item 3 - STR Results

U6HERZ	GlobalFiler™ (STRmix v2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	Not tested
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	Not tested	Not tested	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	Not tested	Not tested	2	
U6TG66	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
U7AFQW	GlobalFiler™ (Bullet Proof Sentry)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
U98DAA	PowerPlex® 21					
	14,15,16	17,19,21,25		15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15		17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17					
UFKNNQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UHKKKB	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
UHR4UW	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

UJJ6WD	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
UK246F	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
UKEDJT	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
UL2YBQ	GlobalFiler™ PCR Amplification Kit					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ULRDTM	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UMFFCB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UMWVMY	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

UN7YEP	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UQEQEC	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
UT9P9A	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UYB4NJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
UYWBAX	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
V4BFEH	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
V4GKED	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

V4PY4A	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
V6DL7X	GlobalFiler™ (STRmix V.2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	NR	NR	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	NR	NR	2	
V7XE2M	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
V8N9KA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
V8P7MM	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
V8X2F6	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
V8XE6T	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,19,21,24,25	9,10,11,13,14	14,15,16,17	11,12,13	
3	9,10,11,12	11,12,13,14,15	10,12,13,14,15	17,18,19,19.1,21,22	11,12	10,11,12
	11,12,14,15,16,17	12.2,13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,18,26.2,27,27.2	7,8,9	6,8,11,12
	15,16,17	10,11			2	

TABLE 2

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

Item 3 - STR Results

VD7QJ8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
VECHRL	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
VG8EQ8	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
VH6L9R	Verifiler Plus					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17				2	
VHVH7D	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	14,15,16	17,19,21,25	10,[11],14	15,[17]	[11],12,13	
3	10,[12]	[12],13,15	[10],13,15	17,19,19.1,22	12	[10],11,12
	12,15,17	13,[13.2],14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21	15,18,27.2	[7],[8],9	6,8,11,12
	16,[17]	11	17	19		
VHX223	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
VJJEHE	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				

TABLE 2

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

Item 3 - STR Results

VM9M2F	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
VMHVHJ	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
VRHBQW	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
VRNKUW	GlobalFiler™ (STRmix V2.4.06)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
VZE89T	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
W22GHA						
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
W3DWCA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

W4H6TL	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
W4ZPPP	VeriFiler Plus					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17				2	
W84HLA	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WA7JGZ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WBKCRM	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WFCKT9	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WJBB8U	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

WKPJ8M	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WKVZPU	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
WLWTUZ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WMYBBQ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WNTYTL	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WQDHQ4	ID+					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					

TABLE 2

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

Item 3 - STR Results

WU3K9P	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,19,20,21,24,25	9,10,11,13,14	14,15,16,17	10,11,12,13	
3	9,10,11,12	11,12,13,14,15	10,12,13,14,15	17,18,18.1,19,19.1,21,22	11,12	10,11,12
	11,12,14,15,16,17	12,12.2,13,13.2,14	28,29,30,31,31.2,32.2	11,14,15,16,17	X,Y	9,10,11,12
	20,21,22,23			14,14.2,15,17,17.2,18,26.2,27.2	7,8,9	6,8,11,12
	15,16,17	11			2	
WWG7WJ	GlobalFiler™ (STRmix 2.4)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
WY8MJ6	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
WYYBGT	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
X2DYEE	Investigator® 24plex QS (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
X2L8KD	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

X2W98C	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
X423N7	PowerPlex® Fusion 6C, ForenSeq Signature Prep - Primer Set B (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
X9KUEx	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
XBGK4Y	ID+					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
XC8A2D	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XEDU2N	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XFRXLX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,[17]	11,12,13	
3	10,[12]	12,13,15	10,13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,[17]	11			2	

TABLE 2

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

Item 3 - STR Results

XHHX8N	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	[11],12,13	
3	10,12	12,13,15	[10],13,15	17,19,19.1,22	12	[10],11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XHNWL7	GlobalFiler™ IQC					
	14,[15],16	17,[19,21],25	10,[11],14	15,17	[11],12,13	
3	10,12	[12],13,15	[10],13,15	[17],19,22	12,12	[10],11,12
	12,[15],17	[13],13.2,14	[29],30,[31],32.2	[11],15,16,[17]	X,Y	10,11,[12]
	21,23			15,[18],27.2	7,[8],9	[6],8,[11],12
	16,[17]	[11]			2	
XL2URR	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XLV79M	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XM2N3Y	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
XMAGC6	PowerPlex® Fusion (TrueAllele)					
	14,15,16	17,[19],21,25	[10],[11],14	15,17	11,12,13	
3	10,[12]	[12],13,15	10,13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,[17]	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		7,[8],9	6,8,11,12
	16,[17]	11				
XQCDZE	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

XQH2F8	Identifiler®, GlobalFiler™, NGM					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XTCVHV	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XTPAVP	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
XUU3CJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
XYEVXA	PowerPlex® Fusion 6C (STRmix)					
	14,[15],16	17,19,21,25	10,[11],14	15,[17]	[11],12,13	
3	10,[12]	[12],13,15	[10],13,15	17,19,19.1,22	12	[10],11,12
	12,15,17	[13],13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,[12]
	21,23	9,12	9,14,18,21	15,18,[27.2]	7,[8],9	6,8,11,12
	16,[17]	11	17	19		
XZ8QFC	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Y3A74U	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 3 - STR Results

Y4QZ8P	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Y6AYLZ	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
YB8NVY	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
YEAKME	Investigator® 24plex QS					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11				
YEKUZZ	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
YEZTEK	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
YGE6CZ	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

YHD9NN	PowerPlex® Fusion (TrueAllele)					
	14,15,16	17,19,[21],25	10,[11],14	15,17	[11],12,13	
3	10,[12]	[12],13,15	[10],13,15	17,19,19.1,22	12	[10],[11],12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,[Y]	10,11,[12]
	21,23	9,12	9,14,18,21		[7],[8],9	6,8,[11],12
	16,[17]	11				
YNJ42W	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
YTKEPN	PowerPlex® Fusion 5c					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
YVK94E	PowerPlex® 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
YWY8DP	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
YXVLZH	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
YZ7LQP	GlobalFiler™, Versaplex 27PY					
	14,(14,15),16	17,(19,21),25	10,(11),14,(14)	(15,15),15,17	(11),12,13,(13)	(12),14,21.3,(24)
3	(10,10),10,12	(12),13,15,(15)	(10),13,15,(15)	(17),19,(19.1),22	12,12,(12,12)	(10,11),12,12
	12,(15,15),17	(13),13.2,14,(14)	(29),30,32.2,(31)	(11),15,16,(17)	X,X,(X,Y)	(10),10,11,(12)
	(21),21,23,(23)	(9,9),9,12	(9,14),18,21	15,(18,18),27.2	7,(8),9,(9)	(6),8,(11),12
	16,16,(16,17)	11	17	19	2	

TABLE 2

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

Item 3 - STR Results

Z32J6F	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Z4H3CY	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
Z644FY	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
Z6K4NK	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
Z7ZU2F	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZCQ8WX	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZCZH4Z	GlobalFiler™ (TrueAllele)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

ZDEC7P	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
ZDLPB4	PowerPlex® Fusion 6C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		
ZEQ38U	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZFH462	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZFQFBQ	PowerPlex® Fusion					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
ZHGMPP	PowerPlex® Fusion 5C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
ZJXVWJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

ZK7XGE	PowerPlex® Fusion 5C (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17	11				
ZKEV9L	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	[6],8,[11],12
	16,[17]	11			2	
ZKFHYH	GlobalFiler™ (STRmix)					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZLRUJN	Verifiler Plus					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	12,14,21.3,24
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21		7,8,9	6,8,11,12
	16,17				2	
ZNYDZP	GlobalFiler™					
	14,[15],[16]	17,19,21,25	[10],[11],14	15,[17]	11,12,13	
3	10,[12]	[12],13,15	[10],[13],15	17,19,19.1,22	12,12	[10],[11],12
	12,15,17	[13],13.2,14	29,30,31,32.2	11,15,16,[17]	X,[Y]	10,11,[12]
	21,23			[15],18,[27.2]	[7],[8],9	6,8,11,12
	16,[17]	11			2	
ZQ6ZDU	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
ZQK7QX	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	

TABLE 2

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

Item 3 - STR Results

ZQTVYB	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZRF6NW	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
ZT8XHJ	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZTEPK8	GlobalFiler™					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23			15,18,27.2	7,8,9	6,8,11,12
	16,17	11			2	
ZVHUAY	Identifiler® Plus					
		17,19,21,25		15,17	11,12,13	
3	10,12	12,13,15			12,12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2		X,Y	10,11,12
	21,23				7,8,9	6,8,11,12
	16,17					
ZVKW87	PowerPlex® Fusion 6C					
	14,15,16	17,19,21,25	10,11,14	15,17	11,12,13	
3	10,12	12,13,15	10,13,15	17,19,19.1,22	12	10,11,12
	12,15,17	13,13.2,14	29,30,31,32.2	11,15,16,17	X,Y	10,11,12
	21,23	9,12	9,14,18,21	15,18,27.2	7,8,9	6,8,11,12
	16,17	11	17	19		

TABLE 2

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

Item 4 - STR Results

2283K7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
22GWMP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
22QVEZ	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
2B4UMK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
2C26JM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2DUT2J	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2E7P99	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

2FYHDB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2H67JG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2HUQKT	PowerPlex® Fusion 6C (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
2JQ48L	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2MF2EA	PowerPlex® 21 (STRmix)					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
2Q7PEB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2R6T7U	PowerPlex® Fusion 6C (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

2RGNFC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2RUUEK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
2TWQKY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	-	-	-		
2UNWPW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
2VB2T3	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
2Z9HH6	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
2ZDL3E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

32QDYJ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3BW7BH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
3CC7W6	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
3DBZHQ	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
3DMWPF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3DRJFM	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
3GJWVR	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

3HH66A	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
3JDH2J	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
3K7EGW	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
3PL2XQ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
3QKZL2	NGM SElect					
	14,16	17,25	10,14	15,17		
4		13,15	13,15	19,22		12,12
	12,17	13.2,14	30,32.2	15,16	X,X	
	21,23			15,27.2	7,9	
	16,16					
3TYXBE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
3TZGP4	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

3UWTFM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3VH3M2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
3W4D23	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3XEFM2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
3ZFBDK	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
3ZJUFL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
3ZKRU3	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

3ZZVEB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
43CLAP	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
43DAQW	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
43VFWK	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
44K8WY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
44V33R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
46M8G4	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NID	NID	NID		

TABLE 2

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

Item 4 - STR Results

46ZVLB	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
47KFTB	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4884Y3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4BG6C4	PowerPlex® Fusion 6C (STRMIX)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4CPFWW	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
4FUELQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4G6R89	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

4G7PDA	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
4HX6R7	Investigator® 24plex QS, Flex Plex 27					
	14,16	17,25	10,14	15,17	12,13	INC
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	INC	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
4JB6ZE	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
4JJLDQ	PowerPlex® 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
4L7D8X	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
4LRNJD	GlobalFiler™ (STRmix v2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	
4M22LM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	

TABLE 2

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

Item 4 - STR Results

4MGP6R	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
4PW63X	Identifiler® Plus, MiniFiler					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
4QA4JW	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
4TVJM3	PowerPlex®					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
4WZKU2	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
4YFNAX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
4ZZCYX	Investigator® 24plex					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

64NLYW	GlobalFiler™ (STR Mix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
692DAC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
69QCQV	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
69YN6F	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
6AV2R9	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
6BKD8E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
6CVDFD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

6EDRK3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
6EKJZB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6HDBHP	GlobalFiler™ (STRmix Version 2.4.06)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no result			no result	
6KDLAJ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
6KVHHV	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6NB3EJ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
6NRGEV	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

6PJC7F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6QXBD7	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
6RJ3Z4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
6UAGDK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6UNT8H	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
6V9UPX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6W83YK	NGM SElect					
	14,16	17,25	10,14	15,17		
4		13,15	13,15	19,22		12,12
	12,17	13.2,14	30,32.2	15,16	X,X	
	21,23			15,27.2	7,9	
	16,16					

TABLE 2

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

Item 4 - STR Results

6WVB7E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
6WZX6F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
6XF87Z	GlobalFiler™ (STRmix)					
	14,15,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16,17	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
722ZHA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
73MPRT	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
73NZRH	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
749UAT	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

77277Y	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
77ZX6Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
79RFXH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
79UMJF	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
7ALMJC	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
7BZ6RU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
7CEFME	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

7CQDPR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
7FDRR9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no results			no results	
7GJEWH	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
7J8UCA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	
7KKC9Z	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
7LB2FZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
7MJDW2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 4 - STR Results

7PHQHF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
7PQL9V	GlobalFiler™ (STRmix V2.4.06)					
	14,16	17,25	10,14	15,17	12,13	-
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	-
7RE2R4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
7ULKFB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
7VWDDM	GlobalFiler™ (STRmix 2.4.06)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8889A9	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
8AKN9U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	

TABLE 2

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

Item 4 - STR Results

8BQ3BF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8CWR8L	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8KHVX9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
8LYKDX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
8N9ANV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
8P2YBX	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
8UZ3FA	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

8VL7F3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
8VQFHD	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				
8VZPVM	PowerPlex® Fusion (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
8WBCRF	GlobalFiler™ (STRmix)					
	13,14,15,16	17,24,25	10,14	14,15,16,17	11,12,13	
4	10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	13,13.2,14	29,30,31.2,32.2	14,15,16	X	10,11
	20,21,22,23			14,15,26.2,27.2	7,9	8,12
	15,16					
8Y967Q	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
8YT82F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
8YTEYX	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

8YUTA8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
942GPU	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	N/A
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
9792B9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
97GWEE	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
98K2L3	GlobalFiler™ (STRmix)					
	13,13.2,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27,27.2	6,7,8,9	8,11,12
	15,16					
98LD8T	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9A2PGN	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

9BGXW4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9BKPAK	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,Y	10,11
	21,23				7,9	8,12
	16,16					
9CDAWD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
9CFWC7	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9EFAT4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9EHWC3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
9FMNU2	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

9G2WG4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9J4UNP	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9TDDUV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9TQUYW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
9TXWAN	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
9WY4F6	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				
9XF4Q8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 4 - STR Results

9XVG7L	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
9ZB8TZ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
9ZUHK2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
A33D6R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
A42CQL	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
A769YY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
AD22CY	GlobalFiler™ (STRmix)					
	13,14,15,15.2,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X,X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27,27.2	6,7,8,9	8,11,12
	15,16					

TABLE 2

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

Item 4 - STR Results

AEM3MM	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
AG33F7	GlobalFiler™ (STRmix 2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No results			No results	
ANEWY8	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
AQEPQQ	PowerPlex® Fusion 6C (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
ARUYWG	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ARZZ6R	GlobalFiler™ (STRmix v 2.4.06)					
	14,16	17,25	10,14	15,17	12,13	-
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	
ATEBAC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

AVD2LQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AWQJ68	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AYGPJC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
AYL9YA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
AYXVZ6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No Result			No Result	
B278EW	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X,X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27,27.2	6,7,8,9	8,11,12
	15,16					
B2T4BB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

B3DKY8	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	INC				
B489H4	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
B78GBR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
B88JD3	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
BCCMK3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
BEGLT6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
BJP2CC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	

TABLE 2

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

Item 4 - STR Results

BLE4GZ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
BMJ3R8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
BN2NNB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
BTZT2F	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
BWD796	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
BWGZAP	PowerPlex® Fusion 6C, Signature Prep - Primer Set B					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
BXWFPQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

BYR76	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
C3CQKQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
C3GCNE	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
C6BMUK	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
C9RRN9	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
CBLDRF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
CCKMYA	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

CCPE9D	Investigator® 24plex (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
CG3AY9	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
CJXRAB	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
CKCHQ8	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
CLEMVF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
CM6QBF	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
CQE7CF	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

CUA3H9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
CUCRU4	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	--
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	--	--	15,27.2	7,9	8,12
	16,16	--	--	--	--	--
CUT2JD	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X	9,10,11
	20,21,22,23			14,15,26.2,27.2	7,9	8,12
	15,16					
CWGHZJ	PowerPlex® Fusion 6C (STRmix v2.8)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
CY3RRQ	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
CY4LLH	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
D4N43D	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

D83PXU	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
D87XPK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DACPAY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DAJBX3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
DBVZE6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DCJ3XT	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DD9JUB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

DEFV7T	GlobalFiler™ (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DGAN9G	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DH2MBE	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DH44RF	GlobalFiler™ (STRmix 2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
DHN27W	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DHUMWL	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DHWCB2	PowerPlex® Fusion 5C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

DJQZJE	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DKHYXC	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27.2	7,9	8,12
	15,16					
DL3K4A	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DL8XVM	Investigator® 24plex					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DLN62U	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
DM2QE2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
DNA3ZJ	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

DPC3Q2	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
DQCQJY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
DRYKTW	Investigator® 24plex QS, FlexPlex27					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23		18,21	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A		
DUEARZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
DVTD9P	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
DZF4CL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
E2ZH4H	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

E3M4AL	PowerPlex® Fusion, MiniFiler					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	NR				
E3PBKN	GlobalFiler™ (STRmix 2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	No result			No result	
E7UEQN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
EBBBDJ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
EDK6LP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
EFBQNM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
EKXHHA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

ELU9EM	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16	ND	ND	ND		
EPUEXY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
EPYN92	GlobalFiler™ (STRmix v2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no results			no results	
ETCNYJ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ETRNCB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
EVVKMA	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
EVYVRT	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

EXVE2Z	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
EZKTGW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
F3ZMNB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
F7E8KG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
F7HETC	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
FDXM7G	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
FGBC7R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	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

FGL3RB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
FJEL9M	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	--				
FJWADH	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR				
FK2A6U	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
FLK8VR	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
FLTKV6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
FNHCYZ	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

FNVLKF	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	-	-	-	-	-
FPEERG	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
FQQE7J	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
FTXAPW	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
FUJ8GR	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
FVKQ72	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
FVNBYB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 4 - STR Results

FW48KE	GlobalFiler™, Miifiler, ArgusX-12					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
FWU2LR	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
G3DJGF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
G3QUXE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
G9XN6A	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
GEFUAN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
GJ6JDJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

GKPHB6	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
GMXR8E	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
GQXN36	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
GRPTAH	PowerPlex® ESIFast 16					
	14,16	17,25	10,14	15,17		
4		13,15	13,15	19,22		12
	12,17	13.2,14	30,32.2	15,16	X	
	21,23				7,9	
	16					
GUGYY9	GlobalFiler™ (STRmix 2.8)					
	13,14,15,16	16,17,24,25	10,13,14	14,15,16,17	11,12,13	
4	10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16	X	10,11
	20,21,22,23			14,15,26.2,27.2	7,9	8,12
	15,16					
GVFH9L	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
GXHY74	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

GY96K9	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
H4GVD8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H4VRMM	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
H6XT77	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H8Q72J	Investigator® 24plex QS, FlexPlex 27					
	14,16	17,25	10,14	15,17	12,13	INC
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	INC	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
H8RCLU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
H9KW6C	PowerPlex® Fusion, VERIFILER Express					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

H9TURB	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
HAB3JH	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
HDMMYV	Investigator® 24plex QS (TrueAllele®)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR				
HDVFA8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
HEKZL6	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
HFREMQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NM			NM	
HGXB4E	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

HJ9PN2	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
HQA2UG	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
HTGA32	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
HZ2MDG	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
J47782	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
J4QCTL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
J7KTH9	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

JBXLPZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JD8TX3	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
JDRHAV	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
JDXLZC	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JQR4H6	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
JUDDP6	GlobalFiler™ PCR Amplification kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
JW2EJC	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

JZ7ZLX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
K4GFNU	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KBP7H8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
KCF2K8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
KDFRDA	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KF8BAL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KGYALN	PowerPlex® 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

KHYPDB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
KKXQPA	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KL7D7Z	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
KL8BRH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KLU4C3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
KPBZVC	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KRQKET	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 4 - STR Results

KTR2WJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
KXJ7T9	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
KYYHLH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
KZT7Z8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
L9BJ9X	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
L9EJDL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LD7YLL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	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

LDAVBN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LFPHE4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LG7Y3Q	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LGBENJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LH7YHF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
LH8RBB	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
LJKHCT	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

LK69Q8	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
LKVB6T	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LL8336	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LLDW4H	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LLUCFQ	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	-				
LLYLQP	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NSD			NSD	
LPPP VH	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

LPZ7LV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
LQKZJB	GlobalFiler™ (STRMIX)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
LQRA9B	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
LRB7XF	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
LXXV6	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
LY3QJH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
LYJ77F	GlobalFiler™ (STRmix v2.4.06)					
	14,16	17,25	10,14	15,17	12,13	-
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	-	-	15,27.2	7,9	8,12
	16,16	-	-	-	-	-

TABLE 2

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

Item 4 - STR Results

M2H3P8	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
M4VXZK	NGM SElect and MiniFiler					
	14,16	17,25	10,14	15,17		
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	
	16,16					
M67BGR	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
M6GEGJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
M6XML2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
M9YHHM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
MB3ADG	PowerPlex® Fusion 6C (STRMix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

MBLDPN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MJ8XV4	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
MK3R66	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
MK7QMY	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
MKJY9L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MNFHAK	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
MNNEE6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

MNVTYE	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MR77C7	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
MRMRXN	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
MUPJVN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MVZEK6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
MYE874	PowerPlex® 5C (STRmix v 2.7)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	INC				
MYQ46Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

MZ7AXW	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
MZGAJ6	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
N64WNC	Identifiler® Plus, MiniFiler					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
N7UDC7	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
N7W4LA	GlobalFiler™ (strmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
N9WCAR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NBBGKQ	Investigator® 24plex QS (STRmix v2.9.1)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

NBG78T	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16,17	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NDG42M	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
NG37GD	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NJTCVJ	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
NK23V2	PowerPlex® Fusion					
	14,16	17,[25]	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	-				
NPNVRL	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
NRM3GX	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

NRVAAZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
NVHB9G	PowerPlex® 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	NR				
NWYBWR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
NXDUX3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
NXLZA	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,30.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
NXRQX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
NXREFW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

NZ27J2	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
P2AXY7	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
P4LFLY	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
P6NFCG	PowerPlex® Fusion 6C (STRmix 2.8)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
PACV66	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PAK8BU	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
PAVNNE	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

PBFVQF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
PEQXAE	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	N/A
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	N/A	N/A	15,27.2	7,9	8,12
	16,16	N/A	N/A	N/A	N/A	
PFZDRY	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
PJEH DU	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
PL6NRZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
PP9KM2	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
PPCY6E	PowerPlex® Fusion 6C (STRMix 2.8)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

PPTH3D	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PRDG8Y	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
PTJ4AN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
PTPGT4	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
PUELJJ	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PUGCNG	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
PWL2VW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

PXXVHU	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
PY2T8R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
Q2W7XA	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
Q3MCCE	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
Q3W2VY	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
Q648LD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Q8297Q	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

Q8TAXT	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Q9JM67	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QFWDZR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
QGMEYN	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QGXH2Z	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
QHJUGX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QJ6QC7	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

QKPJGL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QLTA99	GlobalFiler™ (STR-mix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QM4A7R	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
QMNXXM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QMXWGV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
QNE423	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
QQWTF	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

QR67CV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QRHZ6Y	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
QTTKN3	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
QVH2TF	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
QZ2FUF	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
QZHGUW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
R262V3	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

R3CG6U	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
R4FTG2	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
R8UPKH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
RBVJP4	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	NT
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	NT	NT	15,27.2	7,9	8,12
	16,16	NR	NT	NT	NR	
RCAXA3	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
RCR672	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
RDAJ3W	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

REUUL4	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
RFA6QM	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RFCUVK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RGQAFJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RJV27C	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
RKVD9D	PowerPlex® Fusion 6C (STRmix v 2.8)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
RL82VX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

RMVZMK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RNJK7A	Identifiler® Plus (Genotyper 3.7)					
		17,25		15,17	12,13	
4	10,12	13,15			12	12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16					
RRT4UN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RU34WA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RWFXAA	NGM Detect					
	14,16	17,25	10,14	15,17		
4		13,15	13,15	19,22		12
	12,17	13.2,14	30,32.2	15,16	X	
	21,23			15,27.2	7,9	
	16					
RWRBJR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RXQ7LP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

RZ9QXP	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RZP2CD	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
RZQ78F	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
T36XBN	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
T4HT3M	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
T8LZPQ	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
T8MN7Y	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

TAGLN3	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
TCFUMR	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
TDFXJV	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
TE6CQY	GlobalFiler™, ArgusX, MiniFiler					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
TEAM2R	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
TK74RB	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
TKCPXR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

TL2B2K	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
TPR3WP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
TV2XNZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
TVNMAL	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
TWMBYH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
TXE98D	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
TZEY6H	GlobalFiler™ (STRmix)					
	13,13.2,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X,X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27,27.2	6,7,8,9	8,11,12
	15,16					

TABLE 2

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

Item 4 - STR Results

U2C86K	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U2LY8J	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U48QA6	Identifiler® Plus, MiniFiler					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
U6HERZ	GlobalFiler™ (STRmix v2.4)					
	14,16	17,25	10,14	15,17	12,13	Not tested
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	Not tested	Not tested	15,27.2	7,9	8,12
	16,16	No result	Not tested	Not tested	No result	
U6TG66	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U7AFQW	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16					
U98DAA	PowerPlex® 21					
	14,16	17,25		15,17	12,13	14,21.3
4	10,12	13,15		19,22	12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

U FKNNQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
U HKKKB	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
U HR4UW	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
U JJ6WD	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
U K246F	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	--				
U KEDJT	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
U L2YBQ	GlobalFiler™ PCR Amplification Kit					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	

TABLE 2

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

Item 4 - STR Results

ULRDTM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
UMFFCB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	--			--	
UMWVWY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
UN7YEP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
UQEQEC	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
UT9P9A	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
UYB4NJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	

TABLE 2

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

Item 4 - STR Results

UYWBAX	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V4BFEH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
V4GKED	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
V4PY4A	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V6DL7X	GlobalFiler™ (STRmix V.2.4.06)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
V7XE2M	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
V8N9KA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

V8P7MM	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
V8X2F6	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
V8XE6T	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27,27.2	7,9	8,11,12
	15,16					
VD7QJ8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
VECHRL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
VG8EQ8	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16	NR				
VH6L9R	Verifiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

VHVH7D	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NID	NID	NID		
VHX223	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
VJJEHE	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
VM9M2F	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
VMHVHJ	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
VRHBQW	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
VRNKUW	GlobalFiler™ (STRmix V2.4.06)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	

TABLE 2

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

Item 4 - STR Results

VZ4FRB	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
VZE89T	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
W22GHA						
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
W3DWCA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
W4H6TL	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
W4ZPPP	VeriFiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
W84HLA	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

WA7JGZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
WBKCRM	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WFCKT9	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WJBB8U	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
WKPJ8M	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WKVZPU	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
WLWTUZ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

WMYBBQ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
WNTYTL	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
WQDHQ4	ID+					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
WU3K9P	GlobalFiler™ (STRmix)					
	13,14,15,16	16,17,24,25	9,10,13,14	14,15,16,17	11,12,13	
4	9,10,11,12	12,13,14,15	12,13,14,15	18,19,21,22	11,12	11,12
	11,12,16,17	12.2,13,13.2,14	29,30,31.2,32.2	14,15,16,17	X	9,10,11
	20,21,22,23			14,14.2,15,26.2,27.2	7,8,9	8,11,12
	15,16					
WWG7WJ	GlobalFiler™ (STRmix 2.4)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	no result			no result	
WY8MJ6	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
WYYBGT	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

X2DYEE	Investigator® 24plex QS (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X2L8KD	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X2W98C	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
X423N7	PowerPlex® Fusion 6C, ForenSeq Signature Prep - Primer Set B					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NR	NR	NR		
X9KUEX	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
XBGK4Y	ID+					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
XC8A2D	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

XEDU2N	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XFRXLX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
XHHX8N	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	ND			ND	
XHNWL7	GlobalFiler™ IQC					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
XL2URR	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
XLV79M	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
XM2N3Y	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

XMAGC6	PowerPlex® Fusion (TrueAllele)						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12	12
		12,17	13.2,14	30,32.2	15,16	X	10,11
		21,23	9,12	18,21		7,9	8,12
	16						
XQCDZE	GlobalFiler™ (STRmix)						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12,12	12,12
		12,17	13.2,14	30,32.2	15,16	X,X	10,11
		21,23			15,27.2	7,9	8,12
	16,16						
XQH2F8	Identifiler®, GlobalFiler™, NGM						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12	12
		12,17	13.2,14	30,32.2	15,16	X	10,11
		21,23			15,27.2	7,9	8,12
	16						
XTCVHV	GlobalFiler™ (STRmix)						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12,12	12,12
		12,17	13.2,14	30,32.2	15,16	X,X	10,11
		21,23			15,27.2	7,9	8,12
	16,16	NR			NR		
XTPAVP	PowerPlex® Fusion						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12	12
		12,17	13.2,14	30,32.2	15,16	X	10,11
		21,23	9,12	18,21		7,9	8,12
	16						
XUU3CJ	GlobalFiler™						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12	12
		12,17	13.2,14	30,32.2	15,16	X	10,11
		21,23			15,27.2	7,9	8,12
	16	ND			ND		
XYEVXA	PowerPlex® Fusion 6C (STRmix)						
		14,16	17,25	10,14	15,17	12,13	
	4	10,12	13,15	13,15	19,22	12	12
		12,17	13.2,14	30,32.2	15,16	X	10,11
		21,23	9,12	18,21	15,27.2	7,9	8,12
	16	NID	NID	NID			

TABLE 2

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

Item 4 - STR Results

XZ8QFC	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
Y3A74U	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
Y4QZ8P	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
Y6AYLZ	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
YB8NVY	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YEAKME	Investigator® 24plex QS					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YEKUZZ	PowerPlex® Fusion 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	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 4 - STR Results

YEZTEK	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
YGE6CZ	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YHD9NN	PowerPlex® Fusion (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
YNJ42W	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
YTKEPN	PowerPlex® Fusion 5c					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
YVK94E	PowerPlex® 6C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
YWY8DP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	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 4 - STR Results

YXVLZH	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
YZ7LQP	GlobalFiler™, Versaplex 27PY					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
Z32J6F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
Z4H3CY	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
Z644FY	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
Z6K4NK	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
Z7ZU2F	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	

TABLE 2

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

Item 4 - STR Results

ZCQ8WX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	NR			NR	
ZCZH4Z	GlobalFiler™ (TrueAllele)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZDEC7P	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16					
ZDLPB4	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27.2	7,9	8,12
	16,16					
ZEQ38U	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	
ZFH462	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZFQFBQ	PowerPlex® Fusion					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	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 4 - STR Results

ZHGMPP	PowerPlex® Fusion 5C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
ZJXVWJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZK7XGE	PowerPlex® Fusion 5C (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23	9,12	18,21		7,9	8,12
	16,16					
ZKEV9L	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	-			-	
ZKFHYH	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16					
ZLRUJN	Verifiler Plus					
	14,16	17,25	10,14	15,17	12,13	14,21.3
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23	9,12	18,21		7,9	8,12
	16					
ZNYDZP	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13.2,14	30,32.2	15,16	X,X	10,11
	21,23			15,27.2	7,9	8,12
	16,16	NR			NR	

TABLE 2

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

Item 4 - STR Results

ZQ6ZDU	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
ZQK7QX	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16	ND			ND	
ZQTVYB	GlobalFiler™ (STRmix)					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZRF6NW	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					
ZT8XHJ	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZTEPK8	GlobalFiler™					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12	12
	12,17	13.2,14	30,32.2	15,16	X	10,11
	21,23			15,27.2	7,9	8,12
	16					
ZVHUAY	Identifiler® Plus					
		17,25		15,17	12,13	
4	10,12	13,15			12,12	12,12
	12,17	13.2,14	30,32.2		X,X	10,11
	21,23				7,9	8,12
	16,16					

TABLE 2

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

Item 4 - STR Results

ZVKW87	PowerPlex® Fusion 6C					
	14,16	17,25	10,14	15,17	12,13	
4	10,12	13,15	13,15	19,22	12,12	12,12
	12,17	13,2,14	30,32,2	15,16	X,X	10,11
	21,23	9,12	18,21	15,27,2	7,9	8,12
	16,16					

YSTR Amplification Kit(s) & Results

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
2283K7	Yfiler™									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17			
							23			12
2B4UMK	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2C26JM	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2DUT2J	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2E7P99	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2H67JG	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2HUQKT	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
		13	11	17	20		23	9		12
2MF2EA	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
2Q7PEB	Yfiler™									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17			
							23			12
2RUUEK	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12
3BW7BH	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23			12

TABLE 3

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

Item 2 - YSTR Results

3CC7W6	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3DRJFM	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
3ETUMH	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3HH66A	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3JDH2J	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3JMRCA	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3K7EGW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3W4D23	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
3ZJUFL	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
43DAQW	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
46ZVLB	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
							23		12
4884Y3	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
4FUELQ	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
4G7PDA	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
4L7D8X	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
4MGP6R	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
		15	12	11	20	15	17		22	
		13	11	17	20		23	9	12	
4PW63X	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
4WZKU2	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
4YFNAX	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
6CVDFFD	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
6EDRK3	Yfiler™									
2		14	12,14	13	29	24	11	13	13	
		15	12	11	20	15	17			
							23		12	
6HDBHP	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
6PJC7F	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
6UAGDK	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	

TABLE 3

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

Item 2 - YSTR Results

6WZX6F	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
722ZHA	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
77ZX6Z	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
79RFXH	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
7ALMJC	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
7BZ6RU	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
7CEFME	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
7J8UCA	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
7KKC9Z	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
7PHQHF	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
7RE2R4	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
8AKN9U	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
8KHVX9	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
8LYKDX	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
8N9ANV	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
8UZ3FA	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20		17		22
		13	11	17	20		23	9	12
8VZPVM	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20		17		22
		13	11	17	20		23	9	12
8Y967Q	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20		17		22
		13	11	17	20		23	9	12
8YT82F	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
98LD8T	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
9CDAWD	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
9EHWC3	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
9G2WG4	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
9TQUYW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 2 - YSTR Results

9ZB8TZ	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
A33D6R	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
AG33F7	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ANEWY8	Yfiler™ Plus PCR Amplification Kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ARZZ6R	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	-	17	20	21	23	-	12
ATEBAC	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
AYGPJC	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
AYXVZ6	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
B3DKY8	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
BCCMK3	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
BEGLT6	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
BMJ3R8	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 2 - YSTR Results

BN2NNB	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
BWD796	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
BWGZAP	PowerPlex® Y 23, Signature Prep - Primer Set B								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17	11	22
		13	11	17	20		23	9	12
C3CQKQ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
C6BMUK	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
CCKMYA	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
CCPE9D	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
CJXRAB	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
CKCHQ8	Yfiler™ Plus PCR Amplification Kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
CLEMVF	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
CY4LLH	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
D87XPK	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12

TABLE 3

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

Item 2 - YSTR Results

DAJBX3	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
DD9JUB	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
DHN27W	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
DHUMWL	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		22
		13	11	17	20		23	9	12
DM2QE2	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
DVTD9P	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
DZF4CL	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
EBBBDJ	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		22
		13	11	17	20		23	9	12
EDK6LP	Yfiler™								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		
							23		12
EFBQNM	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
EPUEXY	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ETCNYJ	Yfiler™								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		
							23		12

TABLE 3

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

Item 2 - YSTR Results

FGBC7R	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
						23			12
FJWADH	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
FNHCYZ	Yfiler™ Plus PCR Amplification Kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
FW48KE	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
						23			12
G3QUXE	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
GJ6JDJ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
GQXN36	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
GXHY74	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
H4GVD8	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
H6XT77	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
H9KW6C	Yfiler™ Plus, PowerPlex® Y 23								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	11	17	20	21	23	9	12
H9TURB	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
HAB3JH	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
HDMMYV	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17			
						23		12	
HDVFA8	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
HFREMQ	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17			
						23		12	
HQA2UG	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
HTGA32	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
HZ2MDG	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
JBXLPZ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
JUDDP6	Yfiler™ PCR Amplification kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
JZ7ZLX	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
KDFRDA	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
KF8BAL	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	

TABLE 3

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

Item 2 - YSTR Results

KHYPDB 2	PowerPlex® Y 23								
	14	12,14	13	29	24	11	13	13	
	15	11	20	15	17	22			
	13	11	17	20	23	9	12		
KL7D7Z 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
KL8BRH 2	Yfiler™								
	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
					23	12			
KLU4C3 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
KPBZVC 2	PowerPlex® Y 23								
	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17	22		
	13	11	17	20	23	9	12		
KXJ7T9 2	PowerPlex® Y 23								
	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17	22		
	13	11	17	20	23	9	12		
KZT7Z8 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
L3ZKAY 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
L9EJDL 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
LD7YLL 2	Yfiler™								
	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
					23	12			
LDAVBN 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	
LFPHE4 2	Yfiler™ Plus								
	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13	17	20	21	23		12	

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
LKVB6T	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
						23			12
LLDW4H	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
LLYLQP	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
LPPPVH	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
LY3QJH	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
M4VXZK	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
M9YHHM	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
MB3ADG	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
MBLDPN									
2	11								
MKJY9L	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
MNFHAK	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
MNNEE6	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12

TABLE 3

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

Item 2 - YSTR Results

MNVTYE	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
						23			12
MR77C7	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
MRMRXN	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
MUPJVN	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
MYE874	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			22
		13	11	17	20	23	9		12
MZ7AXW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
N9WCAR	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NBG78T	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NG37GD	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	12	11	20	15	17			
						23			12
NRM3GX	Yfiler™ PCR Amplification Kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NRVAAZ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NVHB9G	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 2 - YSTR Results

NWYBWR	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NXJRQX	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
NXREFW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
PAVVNE	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		22
		13	11	17	20		23	9	12
PFZDRY	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
		15	12	11	20	15	17		22
		13	11	17	20		23	9	12
PRDG8Y	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
PTJ4AN	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
PWL2VW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Q3MCCE	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Q3W2VY	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Q648LD	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Q8297Q	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 2 - YSTR Results

Q8TAXT	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
QFWDZR	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
QGXHZZ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
QKPJGL	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
QR67CV	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
QRHZ6Y	Yfiler™ PCR Amplification Kit								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
QTTKN3	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
QZHGUW	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
R262V3	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
RNJK7A	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
							23		12
RU34WA	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
RWFXAA	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
RWRBJR	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
RXQ7LP	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
RZQ78F	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
T36XBN	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
T8MN7Y	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
TCFUMR	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
TDFXJV	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
TE6CQY	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
TEAM2R	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
TL2B2K	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
TV2XNZ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
U2C86K	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 2 - YSTR Results										
U48QA6	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
U6HERZ	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13	Not tested	17	20	21	23	Not tested	12	
U6TG66	Yfiler™									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
							23		12	
U98DAA	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
		13	11	17	20		23	9	12	
UFKNNQ	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
UHKKB	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
		13	11	17	20		23	9	12	
UL2YBQ	Yfiler™ Plus PCR Amplification Kit									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
V4GKED	Yfiler™									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
							23		12	
V8P7MM	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
V8X2F6	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
		13	11	17	20		23	9	12	
VH6L9R	Yfiler™ Plus									
2	36,37	14	12,14	13	29	24	11	13	13	
	15	12	11	20	31	15	17	11	22	
	38	13		17	20	21	23		12	
VHX223	PowerPlex® Y 23									
2		14	12,14	13	29	24	11	13	13	
	15	12	11	20		15	17		22	
		13	11	17	20		23	9	12	

TABLE 3

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

Item 2 - YSTR Results

VZE89T	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
W4ZPPP									
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
WA7JGZ	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
WKPJ8M	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
WLWTUZ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
WMYBBQ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
WNTYTL	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
WWG7WJ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
X2L8KD	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
X2W98C	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
X423N7	PowerPlex® Y 23, ForenSeq Signature Prep - Primer Set B								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17	11	22
		13	11	17	20		23	9	12
X64HLN	Yfiler™								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 2 - YSTR Results

X9KUEX	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
XFRXLX	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
XL2URR	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
XLV79M	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
XMAGC6	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
XQH2F8	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Y4QZ8P	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
YB8NVY	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17			
						23		12	
YEZTEK	Yfiler™								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17			
						23		12	
YHD9NN	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
YVK94E	PowerPlex® Y 23								
2	14	12,14	13	29	24	11	13	13	
	15	11	20		15	17		22	
	13	11	17	20		23	9	12	
Z32J6F	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 2 - YSTR Results									
Z6K4NK	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
Z7ZU2F	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZCQ8WX	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12
ZCZH4Z	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZEQ38U	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZHGMP	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
ZKEV9L	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZKFHYH	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZLRUJN	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZQTVYB	Yfiler™								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		
							23		12
ZVHUAY	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12
ZVKW87	PowerPlex® Y 23								
2		14	12,14	13	29	24	11	13	13
	15	12	11	20		15	17		22
		13	11	17	20		23	9	12

TABLE 3

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

Item 2 - YSTR Results

ZWC2PJ	Yfiler™ Plus								
2	36,37	14	12,14	13	29	24	11	13	13
	15	12	11	20	31	15	17	11	22
	38	13		17	20	21	23		12

TABLE 3

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

Item 3 - YSTR Results

2283K7	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
2B4UMK	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2C26JM	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2DUT2J	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2E7P99	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2H67JG	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2HUQKT	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
2MF2EA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
2Q7PEB	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
2RUUEK	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3BW7BH	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3CC7W6	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
3DRJFM	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17		22	
	12	12	17	19		23	9	12	
3ETUMH	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3HH66A	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3JDH2J	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3JMRCA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3K7EGW	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3W4D23	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
3ZJUFL	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17		22	
	12	12	17	19		23	9	12	
43DAQW	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17		22	
	12	12	17	19		23	9	12	
46ZVLB	Yfiler™								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			
						23		12	
4884Y3	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
4FUELQ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 3 - YSTR Results

4G7PDA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
4L7D8X	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
4MGP6R	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
4PW63X	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
4WZKU2	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
4YFNAX	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
69QCQV	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
6CVDFD	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
6EDRK3	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
6HDBHP	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
6PJC7F	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
6UAGDK	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 3 - YSTR Results

6WZX6F	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
722ZHA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
77ZX6Z	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
79RFXH	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
7BZ6RU	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
7CEFME	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
7J8UCA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
7KKC9Z	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
7PHQHF	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
7RE2R4	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
8AKN9U	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
8KHVX9	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 3 - YSTR Results

8LYKDX	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
8N9ANV	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
8UZ3FA	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
8VZPVM	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
8Y967Q	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
8YT82F	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
98LD8T	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
9CDAWD	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
9EHWC3	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
9G2WG4	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
9TQUYW	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
9ZB8TZ	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12

TABLE 3

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

Item 3 - YSTR Results

A33D6R	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
AG33F7	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ANEWY8	Yfiler™ Plus PCR Amplification Kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ARZZ6R	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12	-	17	19	21	23	-	12
ATEBAC	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
AYGPJC	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
AYXVZ6	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
BCCMK3	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
BEGLT6	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
BMJ3R8	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
BN2NNB	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
BWD796	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
BWGZAP	PowerPlex® Y 23, Signature Prep - Primer Set B								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17	11	22
		12	12	17	19		23	9	12
C3CQKQ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
C6BMUK	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
CCKMYA	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
CCPE9D	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
CJXRAB	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
CKCHQ8	Yfiler™ Plus PCR Amplification Kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
CLEMVF	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
CM6QBF	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
CY4LLH	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
D4N43D	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
D87XPK	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
DAJBX3	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
DD9JUB	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
DHN27W	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
DHUMWL	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
		15	12	11	19	16	17		22
		12	12	17	19		23	9	12
DM2QE2	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
DVTD9P	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
DZF4CL	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
EBBBDJ	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
		15	12	11	19	16	17		22
		12	12	17	19		23	9	12
EDK6LP	Yfiler™								
3		14	11,12	13	29	24	11	13	13
		15	12	11	19	16	17		
							23		12
EFBQNM	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
EPUEXY	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ETCNYJ	Yfiler™								
3		14	11,12	13	29	24	11	13	13
		15	12	11	19	16	17		
							23		12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
FGBC7R	Yfiler™								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			
						23			12
FJWADH	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
FNHCYZ	Yfiler™ Plus PCR Amplification Kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
G3QUXE	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
GJ6JDJ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
GQXN36	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
GXHY74	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
H4GVD8	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
H6XT77	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
H9KW6C	Yfiler™ Plus, PowerPlex® Y 23								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12	12	17	19	21	23	9	12
H9TURB	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
HAB3JH	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12

TABLE 3

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

Item 3 - YSTR Results

HDMMYV	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
HDVFA8	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
HFREMQ	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
HQA2UG	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
HTGA32	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
HZ2MDG	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
JBXLPZ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
JUDDP6	Yfiler™ Plus PCR Amplification kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
JZ7ZLX	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
KDFRDA	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
KF8BAL	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
KHYPDB	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12

TABLE 3

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

Item 3 - YSTR Results

KL7D7Z	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
KL8BRH									
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
KLU4C3	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
KPBZVC	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
KXJ7T9	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
KZT7Z8	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
L3ZKAY	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
L9EJDL	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
LD7YLL	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
LDAVBN	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
LFPHE4	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
LKVB6T	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12

TABLE 3

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

Item 3 - YSTR Results

LLDW4H	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
LLYLQP	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
LPPPZH	PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13	
	15	12	11	19		16	17		22	
		12	12	17	19		23	9	12	
LY3QJH	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
M4VXZK	PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13	
	15	12	11	19		16	17		22	
		12	12	17	19		23	9	12	
M9YHHM	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
MB3ADG	PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13	
	15	12	11	19		16	17		22	
		12	12	17	19		23	9	12	
MBLDPN										
3								11		
MK3R66	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
MKJY9L	PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13	
	15	12	11	19		16	17		22	
		12	12	17	19		23	9	12	
MNFHAK	Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13	
	15	12	11	19	30	16	17	11	22	
	40	12		17	19	21	23		12	
MNNEE6	PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13	
	15	12	11	19		16	17		22	
		12	12	17	19		23	9	12	

TABLE 3

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

Item 3 - YSTR Results

MNVTYE	Yfiler™								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			
						23			12
MR77C7	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
MRMRXN	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
MUPJVN	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
MZ7AXW	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
N9WCAR	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
NBG78T	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
NG37GD	Yfiler™								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			
						23			12
NRM3GX	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
NRVAAZ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
NVHB9G	PowerPlex® Y 23								
3	14	11,12	13	29	24	11	13	13	
	15	12	11	19	16	17			22
	12	12	17	19		23	9		12
NWYBWR	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 3 - YSTR Results

NXJRQX	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
NXREFW	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
PAVNE	PowerPlex® Y 23									
	3		14	11,12	13	29	24	11	13	13
		15	12	11	19		16	17		22
		12	12	17	19		23	9		12
PFZDRY	PowerPlex® Y 23									
	3		14	11,12	13	29	24	11	13	13
		15	12	11	19		16	17		22
		12	12	17	19		23	9		12
PRDG8Y	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
PTJ4AN	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
PWL2VW	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
Q3MCCE	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
Q3W2VY	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
Q648LD	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
Q8297Q	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
Q8TAXT	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12

TABLE 3

WebCode		Amplification Kit							
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 3 - YSTR Results									
QFWDZR	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
QGXHZZ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
QKPJGL	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
QMNXXM	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
QR67CV	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
QRHZ6Y	Yfiler™ PCR Amplification Kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
QTTKN3	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
QZHGUW	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
R262V3	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
RNJK7A	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
							23		12
RU34WA	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
RWFXAA	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12

TABLE 3

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

Item 3 - YSTR Results

RWRBJR	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
RXQ7LP	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
RZQ78F	PowerPlex® Y 23									
	3		14	11,12	13	29	24	11	13	13
		15	12	11	19		16	17		22
		12	12	17	19		23	9		12
T36XBN	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
T8MN7Y	PowerPlex® Y 23									
	3		14	11,12	13	29	24	11	13	13
		15	12	11	19		16	17		22
		12	12	17	19		23	9		12
TCFUMR	Yfiler™									
	3		14	11,12	13	29	24	11	13	13
		15	12	11	19		16	17		
							23			12
TDFXJV	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
TEAM2R	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
TL2B2K	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
TV2XNZ	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
U2C86K	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12
U48QA6	Yfiler™ Plus									
	3	35,37	14	11,12	13	29	24	11	13	13
		15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23			12

TABLE 3

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

Item 3 - YSTR Results

U6HERZ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12	Not tested	17	19	21	23	Not tested	12
U6TG66	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
U98DAA	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
UFKNNQ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
UHKKKB	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
UL2YBQ	Yfiler™ Plus PCR Amplification Kit								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
V4GKED	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
V8P7MM	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
V8X2F6	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
VH6L9R	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
VHX223	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
VZE89T	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12

TABLE 3

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

Item 3 - YSTR Results

W4ZPPP									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
WA7JGZ PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
WKPJ8M Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
WLWTUZ Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
WMYBBQ Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
WNTYTL Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
WWG7WJ Yfiler™ Plus									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
X2L8KD Yfiler™									
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
X2W98C Yfiler™									
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
X423N7 PowerPlex® Y 23, ForenSeq Signature Prep - Primer Set B									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17	11	22
		12	12	17	19		23	9	12
X64HLN Yfiler™									
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
X9KUEX PowerPlex® Y 23									
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12

TABLE 3

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

Item 3 - YSTR Results

XFRXLX	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
XL2URR	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
XLV79M	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
XMAGC6	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
XQH2F8	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
Y4QZ8P	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
Y6AYLZ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24,(23)	11,(12)	13	13
	15	12	11	19	30	16,(17)	17	11	22
	40	12		17	19	21	23		12
YB8NVY	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
YHD9NN	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
YVK94E	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
Z32J6F	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
Z644FY	Yfiler™ Plus								
3	17	11	17	13	29	23	12	16	14
	12	13	19	40	15	19	21	11,12	30
	13	11	22	35,37	12		11		24

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-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

Z6K4NK	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
Z7ZU2F	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZCQ8WX	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
ZCZH4Z	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZEQ38U	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZHGMP	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
ZKEV9L	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZKFHYH	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZLRUJN	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZQ6ZDU	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZQTVYB	Yfiler™								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		
							23		12
ZRF6NW	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 3 - YSTR Results

ZVHUAY	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12
ZVKW87	PowerPlex® Y 23								
3		14	11,12	13	29	24	11	13	13
	15	12	11	19		16	17		22
		12	12	17	19		23	9	12
ZWC2PJ	Yfiler™ Plus								
3	35,37	14	11,12	13	29	24	11	13	13
	15	12	11	19	30	16	17	11	22
	40	12		17	19	21	23		12

TABLE 3

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

Item 4 - YSTR Results

2283K7	Yfiler™								
4	-	-	-	-	-	-	-	-	-
4L7D8X	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
4PW63X	Yfiler™ Plus								
4									
7J8UCA	Yfiler™ Plus								
4	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
8KHVX9	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
BCCMK3	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
BWGZAP	Signature Prep - Primer Set B								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
DAJBX3	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
GQXN36	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
LY3QJH	Yfiler™ Plus								
4									
NWYBWR	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
PAVVNE	PowerPlex® Y 23								
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

T36XBN	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
U48QA6	Yfiler™ Plus								
4									
X423N7	ForenSeq Signature Prep - Primer Set B								
4	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR				NR	NR
		NR	NR	NR	NR		NR	NR	NR
Z32J6F	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
Z7ZU2F	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

Additional DNA Results

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
D17S1301	BWGZAP	11	10,13				11		
	X423N7	11	10,13				11		
D20S482	BWGZAP	13,14	11,14				13,14		
	X423N7	13,14	11,14				13,14		
D4S2408	BWGZAP	9	10,11				9		
	X423N7	9	10,11				9		
D9S1122	BWGZAP	12,13	11,12				12,13		
	X423N7	12,13	11,12				12,13		
DXS10074	BWGZAP	15,17	7				15,17		
	FW48KE	15,17	7				15,17		
	TE6CQY	15,17	7				15,17		
	X423N7	15,17	7				15,17		
DXS10079	FW48KE	19,20	19				19,20		
	TE6CQY	19,20	19				19,20		
DXS10101	FW48KE	31,33.2	28.2				31,33.2		
	TE6CQY	31,33.2	28.2				31,33.2		
DXS10103	BWGZAP	17,19	16				17,19		
	FW48KE	17,19	16				17,19		
	TE6CQY	17,19	16				17,19		
	X423N7	17,19	16				17,19		
DXS10134	FW48KE	37,39	37				37,39		
	TE6CQY	37,39	37				37,39		
DXS10135	BWGZAP	19.2,25	23				19.2,25		
	FW48KE	19.2,25	23				19.2,25		
	TE6CQY	19.2,25	23				19.2,25		
	X423N7	19.2,25	23				19.2,25		
DXS10146	FW48KE	24,28	34.2				24,28		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
DXS10146 cont'd	TE6CQY	24,28	34.2				24,28		
DXS10148	FW48KE	25.1,28.1	27.1				25.1,28.1		
	TE6CQY	25.1,28.1	27.1				25.1,28.1		
DXS7132	BWGZAP	14,15	13				14,15		
	FW48KE	14,15	13				14,15		
	TE6CQY	14,15	13				14,15		
	X423N7	14,15	13				14,15		
DXS7423	BWGZAP	14,16	13				14,16		
	FW48KE	14,16	13				14,16		
	TE6CQY	14,16	13				14,16		
	X423N7	14,16	13				14,16		
DXS8378	BWGZAP	10	12				10		
	FW48KE	10	12				10		
	TE6CQY	10	12				10		
	X423N7	10	12				10		
DYS505	BWGZAP	NR	12	13			NR		
	X423N7	NR	12	13			NR		
DYS522	BWGZAP	NR	11	10			NR		
	X423N7	NR	11	10			NR		
DYS612	BWGZAP	NR	32	30			NR		
	X423N7	NR	32	30			NR		
F13A01	H9KW6C	3.2	5,8	3.2,5			3.2		
F13B	H9KW6C	10	6	6,8,10			10		
FESFPS	H9KW6C	12,13	11,12	8,11,12,13			12,13		
HPRTB	BWGZAP	12,15	13				12,15		
	FW48KE	12,15	13				12,15		
	TE6CQY	12,15	13				12,15		
	X423N7	12,15	13				12,15		
LPL	H9KW6C	10,11	10,11	9,10,11			10,11		

TABLE 4

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
PENTA C	H9KW6C	12,13	11,12	9,12,13,14			12,13		
QS1	LKVB6T	Q	Q	Q			Q		
	Q3MCCE	Q	Q	Q			Q		
	X2DYEE	Q	Q	Q			Q		
QS2	LKVB6T	S	S	S			S		
	Q3MCCE	S	S	S			S		
	X2DYEE	S	S	S			S		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16111.0	16126.0	16209.0	16223.0	16290.0	16311.0	16319.0	16362.0
ITEM 1								
3D76PE	T	C	C	T	T		A	C
43CLAP	T	C	C	T	T		A	C
ANEWY8	T	C	C	T	T		A	C
BWGZAP	T	C	C	T	T		A	C
CJXRAB		C	C	T	T	T	A	C
CKCHQ8	T	C	C	T	T		A	C
E3M4AL	T	C	C	T	T		A	C
FNHCYZ	T	C	C	T	T		A	C
FW48KE	T	C	C	T	T		A	C
GJ6JDJ	T	C	C	T	T		A	C
JUDDP6	T	C	C	T	T		A	C
KJBUXW	T	C	C	T	T		A	C
M3R8WM	T	C	C	T	T		A	C
NRM3GX	T	C	C	T	T		A	C
QRHZ6Y	T	C	C	T	T		A	C
TE6CQY	T	C	C	T	T		A	C
U7AFQW	T	C	C	T	T		A	C
U98DAA	T	C	C	T	T		A	C
UL2YBQ	T	C	C	T	T		A	C
VZ4FRB	T	C	C	T	T		A	C
X423N7	T	C	C	T	T		A	C

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16086.0	16129.0	16187.0	16189.0	16223.0	16241.0	16278.0	16291.0	16294.0	16311.0	16360.0	16519.0	19189.0
ITEM 2													
3D76PE	C	A	T	C	T	G	T	T	T	C	T		
43CLAP	C	A	T	C	T	G	T	T	T	C	T		
ANEWY8	C	A	T	C	T	G	T	T	T	C	T		
BWGZAP	C	A	T	C	T	G	T	T	T	C	T		
CJXRAB	C	A	T	C	T	G	T	T	T	C	T		
CKCHQ8	C	A	T	C	T	G	T	T	T	C	T		
E3M4AL	C	A	T	C	T	G	T	T	T	C	T	C	
FNHCYZ	C	A	T	C	T	G	T	T	T	C	T		
FW48KE	C	A	T	C	T	G	T	T	T	C	T		
GJ6JDJ	C	A	T	C	T	G	T	T	T	C	T		
JUDDP6	C	A	T	C	T	G	T	T	T	C	T		
KJBUXW	C	A	T	C	T	G	T	T	T	C	T		
M3R8WM	C	A	T	C	T	G	T	T	T	C	T		
NRM3GX	C	A	T	C	T	G	T	T	T	C	T		
QRHZ6Y	C	A	T	C	T	G	T	T	T	C	T		
TE6CQY	C	A	T	C	T	G	T	T	T	C	T		
U7AFQW	C	A	T	C	T	G	T	T	T	C	T		
U98DAA	C	A	T	C	T	G	T	T	T	C	T	C	
UL2YBQ	C	A	T		T	G	T	T	T	C	T		C
VZ4FRB	C	A	T	C	T	G	T	T	T	C	T		
X423N7	C	A	T	C	T	G	T	T	T	C	T		

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16111.0	16126.0	16209.0	16223.0	16290.0	16319.0	16362.0
ITEM 4							
3D76PE	T	C	C	T	T	A	C
43CLAP	T	C	C	T	T	A	C
BWGZAP	T	C	C	T	T	A	C
CJXRAB	T	C	C	T	T	A	C
E3M4AL	T	C	C	T	T	A	C
FW48KE	T	C	C	T	T	A	C
GJ6JDJ	T	C	C	T	T	A	C
KJBUXW	T	C	C	T	T	A	C
M3R8WM	T	C	C	T	T	A	C
TE6CQY	T	C	C	T	T	A	C
U7AFQW	T	C	C	T	T	A	C
U98DAA	T	C	C	T	T	A	C
VZ4FRB	T	C	C	T	T	A	C
X423N7	T	C	C	T	T	A	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3D76PE	16024-16365	16024-16365	Mixture-Not Reported	16024-16365
43CLAP	16024-16385	16024-16385		16024-16385
ANEWY8	16024-16365	16024-16365		
BWGZAP	16024-16365	16024-16365		16024-16365
CJXRAB	16024-16365	16024-16365		16024-16365
CKCHQ8	16024-16365	16024-16365		
E3M4AL	16024-16569	16024-16569	Not Processed	16024-16569
FNHCYZ	16024-16365	16024-16365		
FW48KE	15998-16390	15998-16390		15998-16390
GJ6JDJ	16024-16365	16024-16365		16024-16365
JUDDP6	16024-16365	16024-16365		
KJBUXW	16024-16365	16024-16365	Mixture-Not Interpreted	16024-16365
M3R8WM	15998-16390	15998-16390		15998-16390
NRM3GX	16024-16365	16024-16365		
QRHZ6Y	16024-16365	16024-16365		
TE6CQY	15998-16390	15998-16390	not tested	15998-16390
U7AFQW	16019-16374	16019-16374		16019-16374
U98DAA	16024-16569	16024-16569		16024-16569
UL2YBQ	16024-16365	16024-16365		
VZ4FRB	16,024 - 16,392	16,024 - 16,392	Mixture - Not Analysed	16,024 - 16,387
X423N7	16024-16365	16024-16365		16024-16365

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	64.0	73.0	146.0	153.0	198.0	235.0	263.0	309.0	309.1	309.2	315.0	315.1	523.0	524.0
ITEM 1														
3D76PE		G	C	G	T	G	G	.1C			.1C			
43CLAP	T	G	C	G	T	G	G		C	C		C		
ANEWY8		G	C	G	T	G	G		C			C		
BWGZAP		G	C	G	T	G	G		C	C		C		
CJXRAB		G	C	G	T	G	G	.1C			.1C			
CKCHQ8		G	C	G	T	G	G		C			C		
E3M4AL	T	G	C	G	T	G	G		C INS	C INS		C INS	A DEL	C DEL
FNHCYZ		G	C	G	T	G	G		C			C		
FW48KE	T	G	C	G	T	G	G		C	C		C		
GJ6JDJ		G	C	G	T		G							
JUDDP6		G	C	G	T	G	G		C			C		
KJBUXW		G	C	G	T	G		.1C			.1C			
M3R8WM	T	G	C	G	T	G	G		C	C		C		
NRM3GX		G	C	G	T	G	G		C			C		
QRHZ6Y		G	C	G	T	G	G		C			C		
TE6CQY	T	G	C	G	T	G	G		C	C		C		
U7AFQW	T	G	C	G	T	G	G		C	C		C		
U98DAA	T	G	C	G	T	G	G		C	C		C		
UL2YBQ		G	C	G	T	G	G		C			C		
VZ4FRB	T	G	C	G	T	G	G		C	C		C		
X423N7		G	C	G	T	G	G		C	C		C		

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	152.0	182.0	186.0	189.0	195.0	198.0	247.0	263.0	297.0	309.0	315.0	315.1	316.0	523.0
ITEM 2															
3D76PE	G	C	T	A	C	C	T	A	G	G	C	.1C		A	
43CLAP	G	C	T	A	C	C	T	A	G	G			C	A	
ANEWY8	G	C	T	A	C	C	T	A	G	G			C	A	
BWGZAP	G	C	T	A	C	C	T	A	G	G			C	A	
CJXRAB	G	C	T	A	C	C	T	A	G	G		.1C			
CKCHQ8	G	C	T	A	C	C	T	A	G	G			C	A	
E3M4AL	G	C	T	A	C	C	T	A	G	G			C INS	A	A DEL
FNHCYZ	G	C	T	A	C	C	T	A	G	G			C	A	
FW48KE	G	C	T	A	C	C	T	A	G	G			C	A	
GJ6JDJ	G	C	T	A	C	C	T	A	G	G			C	A	
JUDDP6	G	C	T	A	C	C	T	A	G	G			C	A	
KJBUXW	G	C	T	A	C	C	T	A				.1C		A	
M3R8WM	G	C	T	A	C	C	T	A	G	G			C	A	
NRM3GX	G	C	T	A	C	C	T	A	G	G			C	A	
QRHZ6Y	G	C	T	A	C	C	T	A	G	G			C	A	
TE6CQY	G	C	T	A	C	C	T	A	G	G			C	A	
U7AFQW	G	C	T	A	C	C	T	A	G	G			C	A	
U98DAA	G	C	T	A	C	C	T	A	G	G			C	A	
UL2YBQ	G	C	T	A	C	C	T	A	G	G			C	A	
VZ4FRB	G	C	T	A	C	C	T	A	G	G			C	A	
X423N7	G	C	T	A	C	C	T	A	G	G			C	A	

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	64.0	73.0	146.0	153.0	198.0	235.0	263.0	309.0	309.1	309.2	315.0	315.1	523.0	524.0
ITEM 4														
3D76PE		G	C	G	T	G	G	.1C			.1C			
43CLAP	T	G	C	G	T	G	G		C	C		C		
BWGZAP		G	C	G	T	G	G		C	C		C		
CJXRAB		G	C	G	T	G	G	.2C			.1C			
E3M4AL	T	G	C	G	T	G	G		C INS	C INS		C INS	A DEL	C DEL
FW48KE	T	G	C	G	T	G	G		C	C		C		
GJ6JDJ		G	C	G	T	G	G							
KJBUXW		G	C	G	T	G	G	.1C			.1C			
M3R8WM	T	G	C	G	T	G	G		C	C		C		
TE6CQY	T	G	C	G	T	G	G		C	C		C		
U7AFQW	T	G	C	G	T	G	G		C	C		C		
U98DAA	T	G	C	G	T	G	G		C	C		C		
VZ4FRB	T	G	C	G	T	G	G		C	C		C		
X423N7		G	C	G	T	G	G		C	C		C		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3D76PE	73-340	73-340	Mixture- Not Reported	73-340
43CLAP	51-364	51-364		50-365
ANEWY8	73-340	73-340		
BWGZAP	73-340	73-340		73-340
CJXRAB	73-340	73-340		73-340
CKCHQ8	73-340	73-340		
E3M4AL	1-576	1-576	Not Processed	1-576
FNHCYZ	73-340	73-340		
FW48KE	49-402	49-402		49-402
GJ6JDJ	73-214, 262-266	73-340		73-266
JUDDP6	73-340	73-340		
KJBUXW	73-248, 299-340	73-248, 299-340	Mixture-Not Interpreted	73-340
M3R8WM	49-402	49-402		49-402
NRM3GX	73-340	73-340		
QRHZ6Y	73-340	73-340		
TE6CQY	49-402	49-402	not tested	49-402
U7AFQW	61-385	61-385		61-385
U98DAA	1-400	1-400		1-400
UL2YBQ	73-340	73-340		
VZ4FRB	50-360	61-360		47-387
X423N7	73-340	73-340		73-340

DNA Interpretations

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
2283K7	Yes	Yes	No	No	3JMRCA	No Interp	No Interp	No	No Interp
22GWMP	Yes	Yes	No	No	3K7EGW	Yes	Yes	No	No
22QVEZ	Yes	Yes	No	No	3PL2XQ	Yes	Yes	No	No
2B4UMK	Yes	Yes	No	No	3QKZL2	Yes	Yes	No	No
2C26JM	Yes	Yes	No	No	3TYXBE	Yes	Yes	No	No
2DUT2J	Yes	Yes	No	No	3TZGP4	Yes	Yes	No	No
2E7P99	Yes	Yes	No	No	3UWTFM	Yes	Yes	No	No
2FYHDB	Yes	Yes	No	No	3VH3M2	Yes	Yes	No	No
2H67JG	Yes	Yes	No	No	3W4D23	Yes	Yes	No	No
2HUQKT	Yes	Yes	No	No	3XEFM2	Yes	Yes	No	No
2JQ48L	Yes	Yes	No	No	3ZFBDK	Yes	Yes	No	No
2MF2EA	Yes	Yes	No	No	3ZJUFL	Yes	Yes	No	No
2Q7PEB	Yes	Yes	No	No	3ZKRU3	Yes	Yes	No	No
2R6T7U	Yes	Yes	No	No	3ZZVEB	Yes	Yes	No	No
2RGNFC	Yes	Yes	No	No	43CLAP	Yes	Yes	No	No
2RUUEK	Yes	Yes	No	No	43DAQW	Yes	Yes	No	No
2TWQKY	Yes	Yes	No	No	43VFWK	Yes	Yes	No	No
2UNWPW	Yes	Yes	No	No	44K8WY	Yes	Yes	No	No
2VB2T3	Yes	Yes	No	No	44V33R	Yes	Yes	No	No
2Z9HH6	Yes	Yes	No	No	46M8G4	Yes	Yes	No	No
2ZDL3E	Yes	Yes	No	No	46ZVLB	Yes	Yes	No	No
32QDYJ	Yes	Yes	No	No	47KFTB	Yes	Yes	No	No
3BW7BH	Yes	Yes	No	No	4884Y3	Yes	Yes	No	No
3CC7W6	Yes	Yes	No	No	4BG6C4	Yes	Yes	No	No
3D76PE	No Interp	Yes	No Interp	No	4CPFWW	Yes	Yes	No	No
3DBZHQ	Yes	Yes	No	No	4FUELQ	Yes	Yes	No	No
3DMWPF	Yes	Yes	No	No	4G6R89	Yes	Yes	No	No
3DRJFM	Yes	Yes	No	No	4G7PDA	Yes	Yes	No	No
3ETUMH	No Interp	No Interp	No	No	4HX6R7	Yes	Yes	No	No
3GJWVR	Yes	Yes	No	No	4JB6ZE	Yes	Yes	No	No
3HH66A	Yes	Yes	No	No	4JILDQ	Yes	Yes	No	No
3JDH2J	Yes	Yes	No	No	4L7D8X	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
4LRNJD	Yes	Yes	No	No	73MPRT	Yes	Yes	No	No
4M22LM	Yes	Yes	No	No	73NZRH	Yes	Yes	No	No
4MGP6R	Yes	Yes	No	No	749UAT	Yes	Yes	No	No
4PW63X	Yes	Yes	No	No	77277Y	Yes	Yes	No	No
4QA4JW	Yes	Yes	No	No	77ZX6Z	Yes	Yes	No	No
4TVJM3	Yes	Yes	No	No	79RXFH	Yes	Yes	No	No
4UXT3Y	No Interpretations Reported, DNA Analyzed for Database purposes only.				79UMJF	Yes	Yes	No	No
4WZKU2	Yes	Yes	No	No	7ALMJC	Yes	Yes	No	No
4YFNAX	Yes	Yes	No	No	7BZ6RU	Yes	Yes	No	No
4ZZCYX	Yes	Yes	No	No	7CEFME	Yes	Yes	No	No
64NLYW	Yes	Yes	No	No	7CQDPR	Yes	Yes	No	No
692DAC	Yes	Yes	No	No	7FDRR9	Yes	Yes	No	No
69QCQV	Yes	Yes	No	No	7GJEWH	Yes	Yes	No	No
69YN6F	Yes	Yes	No	No	7J8UCA	Yes	Yes	No	No
6AV2R9	Yes	Yes	No	No	7KKC9Z	Yes	Yes	No	No
6BKD8E	Yes	Yes	No	No	7LB2FZ	Yes	Yes	No	No
6CVDFD	Yes	Yes	No	No	7MJDW2	Yes	Yes	No	No
6EDRK3	Yes	Yes	No	No	7PHQHF	Yes	Yes	No	No
6EKJZB	Yes	Yes	No	No	7PQL9V	Yes	Yes	No	No
6HDBHP	Yes	Yes	No	No	7RE2R4	Yes	Yes	No	No
6KDLAJ	Yes	Yes	No	No	7ULKFB	Yes	Yes	No	No
6KVHHV	Yes	Yes	No	No	7VWDDM	Yes	Yes	No	No
6NB3EJ	Yes	Yes	No	No	8889A9	Yes	Yes	No	No
6NRGEV	Yes	Yes	No	No	8AKN9U	Yes	Yes	No	No
6PJC7F	Yes	Yes	No	No	8BQ3BF	Yes	Yes	No	No
6QXBD7	Yes	Yes	No	No	8CWR8L	Yes	Yes	No	No
6RJ3Z4	Yes	Yes	No	No	8KHVX9	Yes	Yes	No	No
6UAGDK	Yes	Yes	No	No	8LYKDX	Yes	Yes	No	No
6UNT8H	Yes	Yes	No	No	8N9ANV	Yes	Yes	No	No
6V9UPX	Yes	Yes	No	No	8P2YBX	Yes	Yes	No	No
6W83YK	Yes	Yes	No	No	8UZ3FA	Yes	Yes	No	No
6WVB7E	Yes	Yes	No	No	8VL7F3	No Interp	No Interp	No Interp	No Interp
6WZX6F	Yes	Yes	No	No	8VQFHD	Yes	Yes	No	No
6XF87Z	Yes	Yes	No	No	8VZPVM	Yes	Yes	No	No
722ZHA	Yes	Yes	No	No	8WBCRF	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
8Y967Q	Yes	Yes	No	No	ARUYWG	Yes	Yes	No	No
8YT82F	Yes	Yes	No	No	ARZZ6R	Yes	Yes	No	No
8YTEYX	Yes	Yes	No	No	ATEBAC	Yes	Yes	No	No
8YUTA8	Yes	Yes	No	No	AVD2LQ	Yes	Yes	No	No
942GPU	Yes	Yes	No	No	AWQJ68	Yes	Yes	No	No
9792B9	Yes	Yes	No	No	AYGPJC	Yes	Yes	No	No
97GWEE	Yes	Yes	No	No	AYL9YA	Yes	Yes	No	No
98K2L3	Yes	Yes	No	No	AYXVZ6	Yes	Yes	No	No
98LD8T	Yes	Yes	No	No	B278EW	Yes	Yes	No	No
9A2PGN	No Interp	No Interp	No Interp	No Interp	B2T4BB	Yes	Yes	No	No
9BGXW4	Yes	Yes	No	No	B3DKY8	Yes	Yes	Inc	No
9BKPAK	Yes	Yes	No	No	B489H4	Yes	Yes	No	No
9CDAWD	Yes	Yes	No	No	B78GBR	Yes	Yes	No	No
9CFWC7	Yes	Yes	No	No	B88JD3	Yes	Yes	No	No
9EFAT4	Yes	Yes	No	No	BCCMK3	Yes	Yes	No	No
9EHWC3	Yes	Yes	No	No	BEGLT6	Yes	Yes	No	No
9FMNU2	Yes	Yes	No	No	BJP2CC	Yes	Yes	No	No
9G2WG4	Yes	Yes	No	No	BLE4GZ	Yes	Yes	No	No
9J4UNP	Yes	Yes	No	No	BMJ3R8	Yes	Yes	No	No
9TDDUV	Yes	Yes	No	No	BN2NNB	Yes	Yes	No	No
9TQUYW	Yes	Yes	No	No	BTZT2F	Yes	Yes	No	No
9TXWAN	No Interp	No Interp	No Interp	No Interp	BWD796	Yes	Yes	No	No
9WY4F6	Yes	Yes	No	No	BWGZAP	Yes	Yes	No	No
9XF4Q8	Yes	Yes	No	No	BXWFPQ	Yes	Yes	No	No
9XVG7L	Yes	Yes	No	No	BYR76	Yes	Yes	No	No
9ZB8TZ	Yes	Yes	No	No	C3CQKQ	Yes	Yes	No	No
9ZUHK2	Yes	Yes	No	No	C3GCNE	Yes	Yes	No	No
A33D6R	Yes	Yes	No	No	C6BMUK	Yes	Yes	No	No
A42CQL	Yes	Yes	No	No	C9RRN9	Yes	Yes	No	No
A769YY	Yes	Yes	No	No	CBLDRF	Yes	Yes	No	No
AD22CY	Yes	Yes	No	No	CCKMYA	Yes	Yes	No	No
AEM3MM	Yes	Yes	No	No	CCPE9D	Yes	Yes	No	No
AG33F7	Yes	Yes	No	No	CG3AY9	Yes	Yes	No	No
ANEWY8	Yes	Yes	No	No	CJXRAB	Yes	Yes	No	No
AQEPQQ	Yes	Yes	No	No	CKCHQ8	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
CLEMFV	Yes	Yes	No	No	DVTD9P	Yes	Yes	No	No
CM6QBF	Yes	Yes	No	No	DZF4CL	Yes	Yes	No	No
CQE7CF	Yes	Yes	No	No	E2ZH4H	Yes	Yes	No	No
CUA3H9	Yes	Yes	No	No	E3M4AL	Yes	Yes	No	No
CUCRU4	Yes	Yes	No	No	E3PBKN	Yes	Yes	No	No
CUT2JD	Yes	Yes	No	No	E7UEQN	Yes	Yes	No	No
CWGHZJ	Yes	Yes	No	No	EBBBDJ	Yes	Yes	No	No
CY3RRQ	Yes	Yes	No	No	EDK6LP	Yes	Yes	No	No
CY4LLH	Yes	Yes	No	No	EFBQNM	Yes	Yes	No	No
D4N43D	Yes	Yes	No	No	EKXHHA	Yes	Yes	No	No
D83PXU	Yes	Yes	No	No	ELU9EM	Yes	Yes	No	No
D87XPK	Yes	Yes	No	No	EPUEXY	Yes	Yes	No	No
DACPAY	Yes	Yes	No	No	EPYN92	Yes	Yes	No	No
DAJBX3	Yes	Yes	No	No	ETCNYJ	Yes	Yes	No	No
DBVZE6	Yes	Yes	No	No	ETRNCB	Yes	Yes	No	No
DCJ3XT	Yes	Yes	No	No	EVKMA	Yes	Yes	No	No
DD9JUB	Yes	Yes	No	No	EVYVRT	Yes	Yes	No	No
DEFV7T	Yes	Yes	No	No	EXVE2Z	Yes	Yes	No	No
DGAN9G	Yes	Yes	No	No	EZKTGW	Yes	Yes	No	No
DH2MBE	Yes	Yes	No	No	F3ZMNB	Yes	Yes	No	No
DH44RF	Yes	Yes	No	No	F7E8KG	Yes	Yes	No	No
DHN27W	Yes	Yes	No	No	F7HETC	Yes	Yes	No	No
DHUMWL	Yes	Yes	No	No	FDXM7G	No Interp	No Interp	No Interp	No Interp
DHWCB2	Yes	Yes	No	No	FFV7LV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DJQZJE	Yes	Yes	No	No	FGBC7R	Yes	Yes	No	No
DKHYXC	Yes	Yes	No	No	FGL3RB	Yes	Yes	No	No
DL3K4A	Yes	Yes	No	No	FJEL9M	Yes	Yes	No	No
DL8XVM	Yes	Yes	No	No	FJWADH	Yes	Yes	No	No
DLN62U	Yes	Yes	No	No	FK2A6U	Yes	Yes	No	No
DM2QE2	Yes	Yes	No	No	FLK8VR	Yes	Yes	No	No
DNA3ZJ	No Interp	No Interp	No Interp	No Interp	FLTKV6	Yes	Yes	No	No
DPC3Q2	Yes	Yes	No	No	FNHCYZ	Yes	Yes	No	No
DQCQJY	Yes	Yes	No	No	FNVLKF	Yes	Yes	No	No
DRYKTW	Yes	Yes	No	No	FPEERG	Yes	Yes	No	No
DUEARZ	Yes	Yes	No	No	FQQE7J	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
FTXAPW	Yes	Yes	No	No	HZ2MDG	Yes	Yes	No	No
FUJ8GR	Yes	Yes	No	No	J47782	Yes	Yes	No	No
FVKQ72	Yes	Yes	No	No	J4QCTL	Yes	Yes	No	No
FVNBYB	Yes	Yes	No	No	J7KTH9	Yes	Yes	No	No
FW48KE	No Interp	Yes	No Interp	No	JBXLPZ	Yes	Yes	No	No
FWU2LR	Yes	Yes	No	No	JD8TX3	Yes	Yes	No	No
G3DJGF	Yes	Yes	No	No	JDRHAV	Yes	Yes	No	No
G3QUXE	Yes	Yes	No	No	JDXLZC	Yes	Yes	No	No
G9XN6A	Yes	Yes	No	No	JQR4H6	Yes	Yes	No	No
GEFUAN	Yes	Yes	No	No	JUDDP6	Yes	Yes	No	No
GJ6JDJ	Yes	Yes	No	No	JW2EJC	Yes	Yes	No	No
GKPHB6	Yes	Yes	No	No	JZ7ZLX	Yes	Yes	No	No
GMXR8E	Yes	Yes	No	No	K4GFNU	Yes	Yes	No	No
GQXN36	Yes	Yes	No	No	KBP7H8	Yes	Yes	No	No
GRPTAH	Yes	Yes	No	No	KCF2K8	Yes	Yes	No	No
GUGYY9	Yes	Yes	No	No	KDFRDA	Yes	Yes	No	No
GVFH9L	Yes	Yes	No	No	KF8BAL	Yes	Yes	No	No
GXHY74	Yes	Yes	No	No	KGYALN	Yes	Yes	No	No
GY96K9	Yes	Yes	No	No	KHYPDB	Yes	Yes	No	No
H4GVD8	Yes	Yes	No	No	KJBUXW	No Interp	Yes	No Interp	No
H4VRMM	Yes	Yes	No	No	KKXQPA	Yes	Yes	No	No
H6XT77	Yes	Yes	No	No	KL7D7Z	Yes	Yes	No	No
H8Q72J	Yes	Yes	No	No	KL8BRH	Yes	Yes	No	No
H8RCLU	Yes	Yes	No	No	KLU4C3	Yes	Yes	No	No
H9KW6C	Yes	Yes	No	No	KPBZVC	Yes	Yes	No	No
H9TURB	Yes	Yes	No	No	KRQKET	Yes	Yes	No	No
HAB3JH	Yes	Yes	No	No	KTR2WJ	Yes	Yes	No	No
HDMMYV	Yes	Yes	No	No	KXJ7T9	Yes	Yes	No	No
HDVFA8	Yes	Yes	No	No	KYYHLH	Yes	Yes	No	No
HEKZL6	Yes	Yes	No	No	KZT7Z8	Yes	Yes	No	No
HFREMQ	Yes	Yes	No	No	L3ZKAY	No Interp	No Interp	No	No Interp
HGXB4E	Yes	Yes	No	No	L9BJ9X	Yes	Yes	No	No
HJ9PN2	Yes	Yes	No	No	L9EJDL	Yes	Yes	No	No
HQA2UG	Yes	Yes	No	No	LD7YLL	Yes	Yes	No	No
HTGA32	Yes	Yes	No	No	LDAVBN	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
LFPHE4	Yes	Yes	No	No	MNVTYE	Yes	Yes	No	No
LG7Y3Q	Yes	Yes	No	No	MR77C7	Yes	Yes	No	No
LGBENJ	Yes	Yes	No	No	MRMRXN	Yes	Yes	No	No
LH7YHF	Yes	Yes	No	No	MUPJVN	Yes	Yes	No	No
LH8RBB	Yes	Yes	No	No	MVZEK6	Yes	Yes	No	No
LJKHCT	Yes	Yes	No	No	MYE874	Yes	Yes	No	No
LK69Q8	Yes	Yes	No	No	MYQ46Z	Yes	Yes	No	No
LKVB6T	Yes	Yes	No	No	MZ7AXW	Yes	Yes	No	No
LL8336	Yes	Yes	No	No	MZGAJ6	Yes	Yes	No	No
LLDW4H	Yes	Yes	No	No	N64WNC	Yes	Yes	No	No
LLUCFQ	Yes	Yes	No	No	N7UDC7	Yes	Yes	No	No
LLYLQP	Yes	Yes	No	No	N7W4LA	Yes	Yes	No	No
LPPPVH	Yes	Yes	No	No	N9WCAR	Yes	Yes	No	No
LPZ7LV	Yes	Yes	No	No	NBBGKQ	Yes	Yes	No	No
LQKZJB	Yes	Yes	No	No	NBG78T	Yes	Yes	No	No
LQRA9B	Yes	Yes	No	No	NDG42M	Yes	Yes	No	No
LRB7XF	Yes	Yes	No	No	NG37GD	Yes	Yes	No	No
LXVF6	Yes	Yes	No	No	NJTCVJ	Yes	Yes	No	No
LY3QJH	Yes	Yes	No	No	NK23V2	No Interp	No Interp	No Interp	No Interp
LYJ77F	Yes	Yes	No	No	NPNVRL	Yes	Yes	No	No
M2H3P8	Yes	Yes	No	No	NRM3GX	Yes	Yes	No	No
M3R8WM	No Interp	Yes	No Interp	No	NRVAAZ	Yes	Yes	No	No
M4VXZK	Yes	Yes	No	No	NVHB9G	Yes	Yes	No	No
M67BGR	Yes	Yes	No	No	NWYBWR	Yes	Yes	No	No
M6GEGJ	Yes	Yes	No	No	NXDUX3	Yes	Yes	No	No
M6XLM2	No Interp	No Interp	No Interp	No Interp	NXLZA	Yes	Yes	No	No
M9YHHM	Yes	Yes	No	No	NXJRQX	Yes	Yes	No	No
MB3ADG	Yes	Yes	No	No	NXREFW	Yes	Yes	No	No
MBLDPN	Yes	Yes	No	No	NZ27J2	Yes	Yes	No	No
MJ8XV4	Yes	Yes	No	No	P2AXY7	Yes	Yes	No	No
MK3R66	Yes	Yes	No	No	P4FLFY	Yes	Yes	No	No
MK7QMY	Yes	Yes	No	No	P6NFCG	Yes	Yes	No	No
MKJY9L	Yes	Yes	No	No	PACV66	Yes	Yes	No	No
MNFHAK	Yes	Yes	No	No	PAK8BU	Yes	Yes	No	No
MNNEE6	Yes	Yes	No	No	PAWNE	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
PBFVQF	Yes	Yes	No	No	QQVWTF	Yes	Yes	No	No
PEQXAE	Yes	Yes	No	No	QR67CV	Yes	Yes	No	No
PFZDRY	Yes	Yes	No	No	QRHZ6Y	Yes	Yes	No	No
PJEH DU	Yes	Yes	No	No	QTTKN3	Yes	Yes	No	No
PL6NRZ	Yes	Yes	No	No	QVH2TF	Yes	Yes	No	No
PP9KM2	Yes	Yes	No	No	QZ2FUF	Yes	Yes	No	No
PPCY6E	Yes	Yes	No	No	QZHG UW	Yes	Yes	No	No
PPTH3D	Yes	Yes	No	No	R262V3	Yes	Yes	No	No
PRDG8Y	Yes	Yes	No	No	R3CG6U	Yes	Yes	No	No
PTJ4AN	Yes	Yes	No	No	R4FTG2	Yes	Yes	No	No
PTPGT4	Yes	Yes	No	No	R8UPKH	Yes	Yes	No	No
PUELJJ	Yes	Yes	No	No	RBVJP4	Yes	Yes	No	No
PUGCNG	Yes	Yes	No	No	RCAXA3	Yes	Yes	No	No
PWL2VW	Yes	Yes	No	No	RCR672	Yes	Yes	No	No
PXXVHU	Yes	Yes	No	No	RDAJ3W	Yes	Yes	No	No
PY2T8R	Yes	Yes	No	No	REUUL4	Yes	Yes	No	No
Q299HF	No Interp	No Interp	No Interp	No Interp	RFA6QM	Yes	Yes	No	No
Q2W7XA	Yes	Yes	No	No	RFCUVK	Yes	Yes	No	No
Q3MCCE	Yes	Yes	No	No	RGQAFJ	Yes	Yes	No	No
Q3W2VY	Yes	Yes	No	No	RJV27C	Yes	Yes	No	No
Q648LD	Yes	Yes	No	No	RKVD9D	Yes	Yes	No	No
Q8297Q	Yes	Yes	No	No	RL82VX	Yes	Yes	No	No
Q8TAXT	Yes	Yes	No	No	RMVZMK	Yes	Yes	No	No
Q9JM67	Yes	Yes	No	No	RNJK7A	Yes	Yes	No	No
QFWDZR	Yes	Yes	No	No	RRT4UN	Yes	Yes	No	No
QGMEYN	Yes	Yes	No	No	RU34WA	Yes	Yes	No	No
QGXH2Z	Yes	Yes	No	No	RWFXAA	Yes	Yes	No	No
QHJUGX	Yes	Yes	No	No	RWRBJR	Yes	Yes	No	No
QJ6QC7	Yes	Yes	No	No	RXQ7LP	Yes	Yes	No	No
QKPJGL	Yes	Yes	No	No	RZ9QXP	Yes	Yes	No	No
QLTA99	Yes	Yes	No	No	RZP2CD	Yes	Yes	No	No
QM4A7R	Yes	Yes	No	No	RZQ78F	Yes	Yes	No	No
QMNXXM	No Interp	No Interp	No Interp	No Interp	T36XBN	Yes	Yes	No	No
QMXWGV	Yes	Yes	No	No	T4HT3M	Yes	Yes	No	No
QNE423	Yes	Yes	No	No	T8LZPQ	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
T8MN7Y	Yes	Yes	No	No	UYB4NJ	Yes	Yes	No	No
TAGLN3	Yes	Yes	No	No	UYWBAX	Yes	Yes	No	No
TCFUMR	Yes	Yes	No	No	V4BFEH	Yes	Yes	No	No
TDFXJV	Yes	Yes	No	No	V4GKED	Yes	Yes	No	No
TE6CQY	No Interp	Yes	No Interp	No	V4PY4A	Yes	Yes	No	No
TEAM2R	Yes	Yes	No	No	V6DL7X	Yes	Yes	No	No
TK74RB	Yes	Yes	No	No	V7XE2M	Yes	Yes	No	No
TKCPXR	Yes	Yes	No	No	V8N9KA	Yes	Yes	No	No
TL2B2K	Yes	Yes	No	No	V8P7MM	Yes	Yes	No	No
TPR3WP	Yes	Yes	No	No	V8X2F6	Yes	Yes	No	No
TV2XNZ	Yes	Yes	No	No	V8XE6T	Yes	Yes	No	No
TVNMAL	Yes	Yes	No	No	VD7QJ8	Yes	Yes	No	No
TWMBYH	Yes	Yes	No	No	VECHRL	Yes	Yes	No	No
TXE98D	Yes	Yes	No	No	VG8EQ8	Yes	Yes	No	No
TZEY6H	Yes	Yes	No	No	VH6L9R	Yes	Yes	No	No
U2C86K	Yes	Yes	No	No	VHVV7D	Yes	Yes	No	No
U2LY8J	Yes	Yes	No	No	VHX223	Yes	Yes	No	No
U48QA6	Yes	Yes	No	No	VJJEHE	Yes	Yes	No	No
U6HERZ	Yes	Yes	No	No	VM9M2F	Yes	Yes	No	No
U6TG66	Yes	Yes	No	No	VMHVHJ	Yes	Yes	No	No
U7AFQW	Yes	Yes	No	No	VRHBQW	Yes	Yes	No	No
U98DAA	Yes	Yes	No	No	VRNKUW	Yes	Yes	No	No
UFKNNQ	Yes	Yes	No	No	VZ4FRB	No Interp	Yes	No Interp	No
UHKKKB	Yes	Yes	No	No	VZE89T	Yes	Yes	No	No
UHR4UW	Yes	Yes	No	No	W22GHA	Yes	Yes	No	No
UJJ6WD	Yes	Yes	No	No	W3DWCA	Yes	Yes	No	No
UK246F	Yes	Yes	No	No	W4H6TL	Yes	Yes	No	No
UKEDJT	Yes	Yes	No	No	W4ZPPP	Yes	Yes	No	No
UL2YBQ	Yes	Yes	No	No	W84HLA	Yes	Yes	No	No
ULRDTM	Yes	Yes	No	No	WA7JGZ	Yes	Yes	No	No
UMFFCB	Yes	Yes	No	No	WBKCRM	Yes	Yes	No	No
UMWVMY	Yes	Yes	No	No	WFCKT9	Yes	Yes	No	No
UN7YEP	Yes	Yes	No	No	WJBB8U	Yes	Yes	No	No
UQEQEC	Yes	Yes	No	No	WKPJ8M	Yes	Yes	No	No
UT9P9A	Yes	Yes	No	No	WKVZPU	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
WLWTUZ	Yes	Yes	No	No	YEAKME	Yes	Yes	No	No
WMYBBQ	Yes	Yes	No	No	YEKU22	Yes	Yes	No	No
WNTYTL	Yes	Yes	No	No	YEZTEK	Yes	Yes	No	No
WQDHQ4	Yes	Yes	No	No	YGE6CZ	Yes	Yes	No	No
WU3K9P	Yes	Yes	No	No	YHD9NN	Yes	Yes	No	No
WWG7WJ	Yes	Yes	No	No	YNJ42W	Yes	Yes	No	No
WY8MJ6	Yes	Yes	No	No	YTKEPN	Yes	Yes	No	No
WYYBGT	Yes	Yes	No	No	YVK94E	Yes	Yes	No	No
X2DYEE	Yes	Yes	No	No	YWY8DP	Yes	Yes	No	No
X2L8KD	Yes	Yes	No	No	YXVLZH	Yes	Yes	No	No
X2W98C	Yes	Yes	No	No	YZ7LQP	Yes	Yes	No	No
X423N7	Yes	Yes	No	No	Z32J6F	Yes	Yes	No	No
X64HLN	No Interp	No Interp	No	No Interp	Z4H3CY	Yes	Yes	No	No
X9KUEX	Yes	Yes	No	No	Z644FY	Yes	Yes	No	No
XBGK4Y	Yes	Yes	No	No	Z6K4NK	Yes	Yes	No	No
XC8A2D	Yes	Yes	No	No	Z7ZU2F	Yes	Yes	No	No
XEDU2N	Yes	Yes	No	No	ZCQ8WX	Yes	Yes	No	No
XFRXLX	Yes	Yes	No	No	ZCZH4Z	Yes	Yes	No	No
XHHX8N	Yes	Yes	No	No	ZDEC7P	Yes	Yes	No	No
XHNWL7	Yes	Yes	No	No	ZDLPB4	Yes	Yes	No	No
XL2URR	Yes	Yes	No	No	ZEQ38U	Yes	Yes	No	No
XLV79M	Yes	Yes	No	No	ZFH462	Yes	Yes	No	No
XM2N3Y	Yes	Yes	No	No	ZFQFBQ	Yes	Yes	No	No
XMAGC6	Yes	Yes	No	No	ZHGMPP	Yes	Yes	No	No
XQCDZE	Yes	Yes	No	No	ZJXVWJ	Yes	Yes	No	No
XQH2F8	Yes	Yes	No	No	ZK7XGE	Yes	Yes	No	No
XTCVHV	Yes	Yes	No	No	ZKEV9L	Yes	Yes	No	No
XTPAVP	Yes	Yes	No	No	ZKFHYH	Yes	Yes	No	No
XUU3CJ	Yes	Yes	No	No	ZLRUJN	Yes	Yes	No	No
XYEVXA	Yes	Yes	No	No	ZNYDZP	Yes	Yes	No	No
XZ8QFC	Yes	Yes	No	No	ZQ6ZDU	Yes	Yes	No	No
Y3A74U	Yes	Yes	No	No	ZQK7QX	Yes	Yes	No	No
Y4QZ8P	Yes	Yes	No	No	ZQTVYB	Yes	Yes	No	No
Y6AYLZ	Yes	Yes	No	No	ZRF6NW	Yes	Yes	No	No
YB8NVY	Yes	Yes	No	No	ZT8XHJ	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
ZTEPK8	Yes	Yes	No	No					
ZVHUAY	Yes	Yes	No	No					
ZVKW87	Yes	Yes	No	No					
ZWC2PJ	No Interp	No Interp	No	No Interp					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 628		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		606	612	0	0
No		0	0	610	613
Inc		0	0	1	0
No Interpretation		20	14	15	13
No Response		0	0	0	0

Participants analyzing DNA for database purposes only: 2

Additional Comments

TABLE 8

WebCode	Additional Comments
2283K7	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 Applied Biosystem Quantifiler Trio DNA Quantification kit on QuantStudio 5 Real-Time PCR. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler Amplification kit. -Item 2, Item 3 and Item 4 were amplified using Y-Filer Kit. -All amplification performed on ProFlex PCR System. Electrophoresis: -All amplified product were run on Genetic Analyzer 3500. Quality Control: -All reagent blank, positive control, negative control, were carried out through out the analysis and all gave intended results. Remarks: - NM : Non-male profile.
2C26JM	Elevated stutter observed at Y-STR location DYS391 for Item 2.
2UNWPW	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
2Z9HH6	reporting results with stutter filters on
32QDYJ	reporting with stutter filters on
3D76PE	Massively parallel sequencing (MPS) of the Mitochondrial DNA (mtDNA) genome was performed using the Applied Biosystems Precision ID mtDNA whole genome system. A whole mtDNA genome sequence may be obtained for the items noted however, only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2(73-340). Whole genome sequences were obtained for items 1, 2, and 4, each with the range of (1-16569) and are available if needed. A mtDNA mixture was obtained for item 3 therefore no interpretation was done. To see the WG sequences obtained please see files [Laboratory Specific File Names].
3ETUMH	Y-STR analysis only. Exhibit #3 could not be interpreted in comparison to female Victim (#1). 50% male DNA detected in exhibit #3; appears female contributor is present in addition to the detected male. But, without autosomal STR testing, female victim cannot be compared to exhibit #3. Exhibit #4 was not amplified for Y-STR since no male DNA detected. Therefore female Victim (#1) can not be compared to exhibit #4. However, since no male DNA detected in exhibit #4, male Suspect (#2) can not be the source of the purely female DNA detected. Therefore male Suspect (#2) is excluded as a source of exhibit #4.
3JMRCA	Exhibit 4 was inconclusive for the presence of acid phosphatase due to fabric color. Exhibits 1 and 4 were not amplified because no male DNA was detected in the quant. Therefore, no interpretations were made concerning these exhibits.
3TZGP4	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.
3ZFBDK	reporting with stutter filters on
43CLAP	mitochondrial DNA analysis cannot be performed on mixtures (Item 3)
43VFWK	NR = not reported
44K8WY	Reporting results with stutter filters on.
46M8G4	NID = No interpretable data. Inclusions and exclusions were conducted by the analysts outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio for the following: Item 3 - Proposition: 1sU_UU. Per FBU policy, STRmix would not be run in casework as Item 3 was from the victim (Item 1). Statistics run for PT purposes only. Item 4 - Proposition: 1s_U.

TABLE 8

WebCode	Additional Comments
47KFTB	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.
4884Y3	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.
4BG6C4	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.
4G7PDA	Reporting STRmix results with stutter filters on.
4L7D8X	NR = No result.
4M22LM	NR = No Result
4PW63X	MiniFiler testing undertaken on item 3 and 4. MiniFiler results concordant with the Identifiler Plus results. YFiler Plus testing undertaken on item 2, 3 and 4. Y-STR and Mini-STR results were not used in the interpretation.
4YFNAX	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.
64NLYW	NR = No result
69YN6F	reporting with stutter filters on
6AV2R9	Results reported with stutter filters on
6EDRK3	Extraction: - Item 1 and Item 2 were extracted using chelex method. - Item 3 AND Item 4 were extracted using QIA Symphony DNA Investigator Kit via QIA Symphony SP platform. Quantitation: - 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 kit on 9700 GeneAmp PCR system. - Item 2 and Item 3 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: - Electrophoresis of GlobalFiler for Item 1, Item 2, Item 3 and Item 4 and Y-Filer for Item 2 and Item 3 were carried out on Genetic Analyzer 3500xL. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results. NM : non-male profile.
6QXBD7	Reporting STRmix results with stutter filters on
6TVUXF	No DNA analysis performed, only body fluid screening results will be reported
6UAGDK	For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
6XF87Z	Items 3 and 4 possible elevated stutter was left in because of STRmix analysis

TABLE 8

WebCode	Additional Comments
77ZX6Z	Extraction : 1) Item 1 and Item 2 were extracted using Chelex extraction method. 2) Item 3 and Item 4 were extracted using DNA Investigator Kit via QIASymphony SP. Quantification : Item 1, Item 2, Item 3 and 4 were quantified using Quantifiler Trio DNA Quantitation Kit on QuantStudio 5. Amplifications : 1) Item 1, Item 2, Item 3 and Item 4 were amplified using the GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. 2) Item 2 and Item 3 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (Globalfiler PCR and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
7BZ6RU	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: Item 3, D16S539, Allele 13.
7PQL9V	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation, but are included in the CTS report.
7VJR4W	Only assigned screening.
7VWDDM	NR = No result
82XCQN	This CTS is for serology testing only.
8889A9	reporting with stutter filters on
8AKN9U	NR = No Result. GlobalFiler and YFiler were performed on Item 1. Results are concordant at DYS391. GlobalFiler and YFiler were performed on Item 2. Results are concordant at DYS391. GlobalFiler and YFiler were performed on Item 3. Results are concordant at DYS391. Item 1 was tested in YFiler. No results were obtained.
8CWR8L	NR= No results
8KHVX9	Y-Screen analysis performed on items 3 and 4 with a positive result for item 3 and a negative result for item 4. NR = no result. Y-STR analysis not performed on item 1 (female victim known). Direct Mode of YFiler Plus used on item 2 (male victim known).
8VL7F3	CTS filled in by [Name] as part of [Name] proficiency. No comparisons to samples.
97GWEE	NR=No Results
98K2L3	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
9A2PGN	Analyst does not perform serology, data analysis, data interpretation or reporting.
9CFWC7	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
9FMNU2	Y-STR and mitochondrial DNA analysis not performed in this laboratory. DNA analysis performed with stutter filters on.
9TXWAN	Analyst performs data analysis using GeneMapper but does not perform data interpretation or reporting.
9ZUHK2	Reporting STRmix results with stutter filters on
AD22CY	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.

TABLE 8

WebCode	Additional Comments
ARZZ6R	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
AWQJ68	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.
B278EW	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
B3DKY8	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. For PowerPlex Fusion results, DYS391 is reported as INC per laboratory policy.
B489H4	Reporting results with stutter filters on
B88JD3	reporting results with stutter filters on
BCCMK3	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. Item 2 was analyzed using YFiler Plus Direct Mode.
BJP2CC	NR = no results
BLE4GZ	Results reported with STRmix stutter filters on.
BUNW8M	Only assigned body fluid screening
BWGZAP	NR = no result. Due to the presence of a mixture in Item 3, Signature Prep and mtDNA data will not be reported/interpreted per SOP for this item. However, as the Y-STR profile for Item 3 indicate 1 male contributor, the Y-STR results were reported.

TABLE 8

WebCode	Additional Comments
CG3AY9	<p>DNA extractions were performed on Items 3 and 4 as well as on the known DNA standards from the victim (Item 1) and the suspect (Item 2). These extracts were then quantitated, amplified, and tested with DNA genetic markers CSF1PO, FGA, TH01, TPOX, vWA, D1S1656, D2S1338, D2S441, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, Penta D, Penta E, and SE33 as well as Amelogenin, DYS391, DYS570, and DYS576. STRmix™ interpretational software was used to aid in the analysis of DNA profiles obtained and to generate statistical calculations, using the population databases generated by NIST. Item 3: Examination of a sample taken from the stain from the victim's shirt (Item 3), using the Kastle-Meyer Test, gave chemical indications for the presence of blood. No confirmatory blood testing was performed. A cutting was taken for DNA analysis. The DNA profile obtained from the cutting from the stain from the victim's shirt (Item 3) is being interpreted as a mixture of 2 contributors. This mixture contains 2 interpretable components. The DNA profile obtained from the victim (Item 1) is included as a possible contributor to this mixture. The DNA profile obtained from the suspect (Item 2) is excluded as a contributor to the mixture. This mixture contains at least one male profile. Additional DNA was present which cannot be accounted for by the standards provided. Given the evidence, the following propositions were considered for the statistical calculation: Hypothesis 1 (H1): The evidence originated from the victim (Item 1) and an unknown, unrelated individual OR Hypothesis 2 (H2): The evidence originated from two unknown, unrelated individuals. The DNA profile obtained from the cutting from the stain from the victim's shirt (Item 3) is approximately 3.18 septillion (3.18E+24) times more likely if it originated from the victim (Item 1) and an unknown, unrelated individual (H1) than if it originated from two unknown, unrelated individuals (H2). Item 4: Examination of a sample taken from the stain from the suspect's jacket (Item 4), using the Kastle-Meyer Test, gave chemical indications for the presence of blood. Further examination of the sample taken from the stain from the suspect's jacket (Item 4), using the RSID Blood Test, gave conclusive results for the presence of human blood. A cutting was taken for DNA analysis. The DNA profile obtained from the cutting from the stain from the suspect's jacket (Item 4) is being interpreted as a single source profile. The DNA profile obtained from the victim (Item 1) is included as a possible contributor to this profile. The DNA profile obtained from the suspect (Item 2) is excluded as a contributor to this profile. Given the evidence, the following propositions were considered for the statistical calculation: Hypothesis 1 (H1): The evidence originated from the victim (Item 1) OR Hypothesis 2 (H2): The evidence originated from an unknown, unrelated individual. The DNA profile obtained from the cutting from the stain from the suspect's jacket (Item 4) is approximately 6.77 octillion (6.77E+27) times more likely if it originated from the victim (Item 1) (H1) than if it originated from an unknown, unrelated individual (H2). The profile from Item 2 has been entered into the Combined DNA Index System (CODIS) in accordance with state and national regulations, where regular searches will be performed. Notification will be issued if there is a hit in the database or if the profile is removed from CODIS at any time in the future.</p>
CJXRAB	Item 3 : considering the mixed DNA, no ,mitochondrial analysis was done.
CUCRU4	STRmix analysis was conducted on this test.
D83PXU	<p>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.</p>
D87XPK	NR= no results
DACPAY	Results reported with stutter filters on
DAJBX3	NR = No Results. Y-STR was not performed on the female known (Item 1).
DCJ3XT	Reporting STRmix results with stutter filters on
DH44RF	NR= no results

TABLE 8

WebCode	Additional Comments
DHN27W	Item 3 has possible drop out at TPOX, D16S539 and D21S11 due to stochastic effects. For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profile generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
DL3K4A	reporting with stutter filters on.
DLN62U	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.
DNA3ZJ	Scientist is authorized through DNA processing, does not compare/report DNA results.
DPC3Q2	STRmix analysis was conducted on this test
DQ7Q2Y	Items 1A (CTS Item #1) and 1B (CTS Item #2) were not opened or analyzed. Items 1C (CTS Item #3) and 1D (CTS Item #4) were analyzed for serology only. Abbreviations: coin envelope (CE), manila envelope (ME), not opened/not analyzed (NO/NA).
DQCQJY	NR=No Result. A member of the Forensic Biology Unit performed the serological analysis. the DNA analyst also performed KM testing
DZF4CL	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.
E3M4AL	Item 3 was not processed in mtDNA due to an observed mixture in PPFusion. This laboratory does not interpret mtDNA mixtures. PPFusion and Minifiler were performed on Item 4. Results were concordant for all overlapping loci. NR = No Result.
EDK6LP	GlobalFiler and YFiler performed on Items 1-3. Results concordant at DYS391. YF results for Item 1 = NR for all loci. NR = No results
ELU9EM	ND: NOT DETECTED
EYVVRT	This laboratory does not perform Y-STR or mtDNA testing. Reporting results with stutter filters on.
EXVE2Z	Reporting STRmix results with stutter filters on
FDXM7G	Analyst stops after GeneMapper and does not perform any data interpretation.
FGBC7R	Extraction: - Item 1 and Item 2 was extracted using Prepfilier Express Extraction. - Item 3 and Item 4 was extracted using Chelex Extraction. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by 7500 Real-Time PCR. Amplification: -Item 1 and Item 2 were amplified using Globalfiler PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 3 and Item 4 were amplified using Globalfiler PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 2 and Item 3 were amplified using AmpFLSTR Y Filer PCR Amplification Kit on 9700 ABI GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by ABI Genetic Analyzer 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results. NM: Non male profile
FK2A6U	Reporting results with stutter filters on. This lab does not perform Y-STR or mtDNA testing.
FLK8VR	Reporting STRmix results with stutter filters on
FLTKV6	reporting with stutter filters on

TABLE 8

WebCode	Additional Comments
FW48KE	This proficiency test was performed using missing persons/unidentified remains (MP/UHR) protocols. DNA mixtures are not interpreted using the MP/UHR protocols. A mixture of DNA was indicated on Item 3. Therefore, no interpretations were made regarding Item 3. Minifiler results obtained from Item 4 were concordant with the Globalfiler results. Additional loci are X-chromosomal loci from the ArgusX-12 amplification kit. Amelogenin and D21S21 results obtained from Items 1, 2, and 4 with ArgusX were concordant with Globalfiler results. HV2 length heteroplasmy were observed in Items 1 and 4.
FWU2LR	NR= No results. Items 1 and 2 were processed with GlobalFiler Express and GlobalFiler. Results were concordant.
FXGU2W	Item 1 and Item 2 were not serologically analyzed. No DNA analysis was performed.
G9XN6A	NR = No result
GJ6JDJ	A mixed DNA profile was obtained for Item 3 therefore mitochondrial DNA testing was not performed.
GMXR8E	NR means No results
GQXN36	NR = no results. Item 2: Y-filer Plus direct mode was used during testing.
H4VRMM	reporting results with stutter filters on
H8Q72J	INC-Inconclusive
HDMMYV	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) and the reference DNA profile from the suspect (EX 02-1).
HFREMQ	1. Extraction: - Item 1 and Item 2 were extracted using chelex method. - Bloodstains extraction on Item 3 and Item 4 were carried out using QIA Symphony DNA Investigator Kit via QIA Symphony SP. 2. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio on QuantStudio 5 RT-PCR. 3. Amplification on 9700 GeneAmp PCR System. - Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit. - Item 2 and Item 3 were amplified using YFiler PCR Amplification Kit. 4. Electrophoresis were carried out on Genetic Analyzer 3500xL. 5. Quality Control; reagent blank, positive and negative control were carried out through analysis and all gave intended results. 6. NM indicate non-male profile.
HTEZ3J	Only assigned screening testing
J8WHNV	I am only released to perform serological analysis, therefore, items 1 and 2 were not opened or analyzed.
JD8TX3	reporting with stutter filters on
JDRHAV	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.
K4GFNU	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
KF8BAL	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.
KHYPDB	NR = no results
KJBUXW	Whole genome results were obtained for items 1,2,4, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Mixtures are not interpreted with the mtDNA assay. Items 1 and 4 are the same with the exception of position 263 and 8462 where a gap in the range was obtained for Item 1. However these samples are presumed to be concordant.
KKJ7FX	No DNA analysis performed; only body fluid screening results will be reported.
KL7D7Z	reported with stutter filters on
KL8BRH	Y-STR analysis was not performed on samples 1 and 4 due to no male DNA being detected using QuantTrio.
L3ZKAY	Item 4: Sample is inconclusive for AP test due to difficulty in accurately detecting a color change as a result of the substrate color. Items 1 and 4 were not amplified using STR analysis because they had no male DNA present. No interpretation was possible for items 1 and 4 because no DNA profiles were generated for these items.
L9BJ9X	reporting results with stutter filters on
LD7YLL	Extraction: Item 1 and Item 2 were extracted using Chelex extraction method. Item 3 and Item 4 were extracted using Qiasymphony DNA Investigator Kit via Qiasymphony SP Platform. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using Applied Biosystems Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male profile.
LDAVBN	For item 3, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
LJKHCT	Reporting results with stutter filters on
LKVB6T	Possible drop out for item 3 at the D2S1338 locus.
LLYLQP	Results reported with stutter filters on.
LQKZJB	NR= No results
LJY77F	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report.
M2H3P8	NR = no results
M3R8WM	Item 3 is a mixture. Mitochondrial DNA mixtures are not interpreted at this lab.
M6XLM2	DNA analysis and CTS entry performed by [Name] for the proficiency of scientist [Name]. No comparisons performed.
M9YHHM	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.

TABLE 8

WebCode	Additional Comments
MKJY9L	Amplification of B1-3 (target 1.0ng) resulted in 3 alleles below interpretational threshold (IT) per current SOP. (Four allele loci with alleles <IT not included). After a fresh 1:10 dilution was prepared, the sample was reamplified at 1.2ng and 1.4ng targets. All alleles reproduced, though peak heights did not increase substantially and alleles <IT remain. Good faith efforts have been exercised to capture all alleles. Peak height ratios are consistent between all amps. There are no called artifacts nor peaks below the analytical threshold which suggest data is missing. Allele calls for the original amplification were reported here. Per current SOP, D16S539 and CSF1PO are not suitable for comparisons or statistics as alleles <IT remain and these loci have less than four alleles. "NS" documentation has been added to the B1-3 (Q4) egram.
MR77C7	Thank you for responding to the feedback I previously provided regarding modifying the data entry portions of the website to make it easier for the analyst/reviewer and less prone to error. I would still love to see this modification considered and implemented for future tests. Having columns instead of rows would be extremely helpful, as well as being able to use dashes instead of commas for allele separation, which would enable use of the right hand keyboard for data entry. Thanks again for your consideration!
MRMRXN	Reporting STRmix results with stutter filters on.
MYE874	DYS391 is reported as INC for all samples tested per laboratory policy. A mixture of DNA was obtained from Item 3. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
MZ7AXW	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.
N29NEQ	Items 1 and 2 not analyzed. No DNA analysis performed, serology only.
N64WNC	Additional testing of item 3 and item 4 was undertaken using the MiniFiler test and Identifiler Plus at 34 cycles. Where profiling results were obtained from Item 3 and Item 4 after this additional testing, these results corresponded with results obtained by 28 cycle Identifiler Plus DNA testing at the corresponding loci.
N7W4LA	reporting results with stutter filters on
NA6GXN	This analyst is only qualified for presumptive bodily fluid screening.
NBBGKQ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
N8G78T	Elevated stutter peaks observed in Items 3 and 4 were left in due to STRmix analysis.
NDG42M	reporting results with stutter filters on
NVCPLD	Only assigned Screening test
N8YBWR	Items 1 and 2 were not analyzed with the YS Assay. Item 1 was not analyzed for Y-STRs due to being known female DNA reference sample. NR= No Results.
P2AXY7	NR=No Results
P4FLY	Scientist not authorized in serology. Scientist only performed DNA processing and interpretation.
PUELJJ	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
PUGCNG	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.
Q299HF	Screening tests not conducted as not currently qualified. PowerPlex Fusion 6C sample processing was conducted on item 3 and item 4. Autosomal analysis and interpretation was not conducted. Modified Rapid DNA Analysis was conducted on item 1 with ANDE. No comparison to evidence was made. PowerPlex Fusion 6C sample processing and interpretation was conducted on item 2. No comparison to evidence was made. PowerPlex Y23 was run on item 2 and item 3 for sample processing only. NID = No Interpretable Data
Q3W2VY	NR = No Results
Q648LD	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.
QGMEYN	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.
QMNXXM	The known samples were not profiled and no comparisons were reported. the scientist assigned to this test is qualified (for DNA testing) in extraction through CE, and does not perform data interpretation. Items 3 and 4 were profiled by a second scientist to confirm that correct results were obtained from these items.
QNE423	NR = No results
QVH2TF	NR = No Result
QZHGUW	Y-STR amplification of Items 2 and 3 were performed by the testee for amplification only. Analysis of Y-STR profiles was performed by a separate analyst.
R6YY2L	Items 1 & 2 were not opened or analyzed (not yet released for DNA analysis). Since the "Screening" tab [Table 1: Serology Screening Results] does not allow me to enter differing results for tests used to detect the same substance, I was unable to specify that I did observe some fluorescence (with ALS) on items 3 & 4, however all actual tests for seminal fluid were negative, so I selected "negative" as my results.
RBVJP4	NT = Not tested. NR = No results detected. For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. No stutter peaks were incorporated in these types. Item 4 was tested for acid phosphatase, and the test results were negative. No further semen testing was performed. Item 4 was negative for Acid Phosphatase (AP).
REUUL4	NR = no result. Item 4 was tested for acid phosphatase, with negative results. No further semen testing was performed. Item 4 tested negative for the presence of acid phosphatase.
RFA6QM	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

TABLE 8

WebCode	Additional Comments
RU34WA	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 an elevated stutter peak which is being reported to the vendor as an additional comment but which has been modeled as stutter probabilistically during interpretation at the following locus: Item 1, D7S820, 13. 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.
RZ9QXP	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.
T36XBN	NR = no results
TE6CQY	Item 3 was a mixture. Mixtures are not interpreted for Missing Persons casework. MiniFiler results for Item 4 were concordant with the result obtained with GlobalFiler. DYS391 results for Globalfiler for Item 2 were consistent with the Yfiler results. Amelogenin and D21S11 results for ArgusX for Items 1, 2 and 4 were concordant with the GlobalFiler results for those samples. Item 3 was not tested for mtDNA since it was determined to be a mixture with GlobalFiler and mixtures are not interpreted for mtDNA. HV2 length heteroplasmy was present for Items 1 and 4.
TK8FLT	Only serology was performed. Item #1 and #2 were not analyzed for serology.
TWMBYH	NR = No Results. All Screening tests were performed by a qualified Forensic Biologist with the exception of the KM test for item #3, which was performed by this Analyst.
TZEY6H	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
U2LY8J	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
U48QA6	Minifiler testing also undertaken on items 3 and 4. Results were concordant with the Identifiler Plus results. The YSTR results were not used in the interpretation.
U7AFQW	HV2 C-stretch length heteroplasmy observed in Items 1 and 4
UJJ6WD	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.
UT9P9A	Stutter filters on
V4BFEH	Reporting STRmix results with stutter filters on.
V4GKED	NR = No Result. GlobalFiler and Yfiler concordant at DYS391 for Item 2. GlobalFiler and Yfiler concordant at DYS391 for Item 3. Item 3 is male & female mixture, so both references were amp'd with Yfiler. Item 1 (female reference) was NR for all loci (NR,NR for DYS385).

TABLE 8

WebCode	Additional Comments
V4PY4A	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.
V6DL7X	NR = no results
VECHRL	NR = No Result
VG8EQ8	NR=no results, Item 1 and Item 2 were tested in MF. Item 1 is concordant in PPF and MF. Item 2 is concordant in PPF and MF.
VHVH7D	NID=No interpretable data. Item 1 was processed by using RapidHit Global Filer Express, and item 2 was processed by using ANDE FlexPlex. Powerplex Fusion 6C sample processing was conducted on item 3 and item 4. 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: 1sU_UU. Per FBU policy, STRmix would not be run in casework as item 3 was from the victim. Statistics run for PT purposes only. Item 4: 1s_U. Y-Screening was performed on items 3 and 4.
VMHVHJ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
VRNKUW	NR = no results
W4H6TL	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.
WBKCRM	Reporting results with stutter filters on.
WFCKT9	reporting with stutter filters on
WKPJ8M	Analyzed with stutter filters on

TABLE 8

WebCode	Additional Comments
WKVZPU	<p>DNA extractions were performed on Items 3 and 4 as well as on the known DNA standards from the Victim and the Suspect (Items 1 and 2, respectively). These extracts were then quantitated, amplified, and tested with DNA genetic markers CSF1PO, FGA, TH01, TPOX, vWA, D1S1656, D2S1338, D2S441, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, Penta D, Penta E, and SE33 as well as Amelogenin, DYS391, DYS570, and DYS576. STRmix™ interpretational software was used to aid in the analysis of DNA profiles obtained and to generate statistical calculations, using the population databases generated by NIST. Item 3 Examination of a sample taken from the questioned stain from the victim's shirt (pink) (Item 3), using the Kastle-Meyer Test, gave chemical indications for the presence of blood. No confirmatory blood testing was performed. A cutting was taken for DNA analysis. The DNA profile obtained from a cutting from the questioned stain from the victim's shirt (pink) (Item 3) is being interpreted as a mixture of 2 contributors. This mixture contains 2 interpretable components. The Victim, the donor of the known sample (Item 1), is assumed as being contributor 1 of this DNA profile. The DNA profile obtained from the Suspect (Item 2) is excluded as a contributor to the mixture. This mixture contains at least one male profile. Additional DNA was present which cannot be accounted for by the standards provided. No population frequency data were reported for the contribution of the DNA profile from the Victim (Item 1) to this item. Item 4 Examination of a sample taken from the questioned stain from the suspect's jacket (blue) (Item 4), using the Kastle-Meyer Test, gave chemical indications for the presence of blood. Further examination of a sample taken from the questioned stain from the suspect's jacket (blue) (Item 4), using the RSID Blood Test, gave conclusive results for the presence of human blood. A cutting was taken for DNA analysis. The DNA profile obtained from a cutting from the questioned stain from the suspect's jacket (blue) (Item 4) is being interpreted as a single source profile. The DNA profile obtained from the Victim (Item 1) is included as a possible contributor to this profile. The DNA profile obtained from the Suspect (Item 2) is excluded as a contributor to this profile. Given the evidence, the following propositions were considered for the statistical calculation: Hypothesis 1 (H1): The evidence originated from the Victim (Item 1) OR Hypothesis 2 (H2): The evidence originated from an unknown, unrelated individual. The DNA profile obtained from a cutting from the questioned stain from the suspect's jacket (blue) (Item 4) is approximately 8.44 octillion (8.44E+27) times more likely if it originated from the Victim (Item 1) (H1) than if it originated from an unknown, unrelated individual (H2). The profile from Item 2 has been entered into the Combined DNA Index System (CODIS) in accordance with state and national regulations, where regular searches will be performed. Notification will be issued if there is a hit in the database or if the profile is removed from CODIS at any time in the future.</p>
WLWTUZ	<p>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.</p>
WWY2LJ	<p>No interpretation of Items 3 and 4. Items 1-4 were extracted and quantified. No DNA typing was performed.</p>
X2DYEE	<p>The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.</p>
X423N7	<p>Item 3 contained a mixture and therefore, the mtDNA and SigPrep profiles were not reported as a result (with the exception of the Y-STRs). Per laboratory protocol, mixed mtDNA/SigPrep profiles are inconclusive for comparison purposes. HV1 range reported - 16024-16365, HV2 range reported - 73-340. NR = no results</p>
X64HLN	<p>Female reference sample (Item 1) not amplified for Y-STR analysis since no male detected. DNA interpretation reported as "No Interpretation." Evidence sample (Item 4) has no data for use to compare to the reference standard. DNA interpretation reported as "No Interpretation"</p>
XB8CLE	<p>Serology testing only performed for this PT cycle as I am not yet qualified for DNA analysis.</p>
XC8A2D	<p>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.</p>
XEDU2N	<p>reporting with stutter filters on</p>

TABLE 8

WebCode	Additional Comments
XQCDZE	Reporting results with stutter filters on.
XYEVXA	Probabilistic Genotyping Results: Inclusions and Exclusions were made by the analyst prior to using the STRmix software. STRmix was used to calculate a likelihood ratio using the following propositions: Item 3: 1sU_UU; Item 4: 1s_U. Other Notes: Item 1 - Processed on RapidHIT. Item 2 - Processed on ANDE. Items 3 & 4 extracted using Promega's Casework Direct Kit (Y-Screening). **NID: No Interpretable Data
XZ8QFC	Note: KM performed on item #3 and item #4 by trained DNA analyst. KM, RSID, and NaOH male screen performed on item #3 by trained FB analyst. OT, HemaTrace, and NaOH male screen performed on item #4 by trained FB analyst. NR = No Result.
YEAKME	Item 03 would typically be sent to TrueAllele, but I am not qualified in TA analysis. The assumed/deduced interpretation method was used because the narrative stated the victim was wearing the shirt and bleeding.
YZ7LQP	Item 3 a mixture of two individuals the major contributor is the victim (Item 1) and the minor contributor is an unknown male person.
Z32J6F	NR = No Results. Item 1 not analyzed for Y-STR DNA. Biologically female. Item 2 analyzed with the Yfiler Plus PCR Amplification Kit in Direct Mode. No Y-STR DNA profile obtained for Item 4 (consistent with quant and STR results). Mitochondrial DNA analysis is not performed by this laboratory. Items 3 & 4 processed with Y-Screen Assay (QF Trio): Human male DNA detected on item 3, and no human male DNA detected on item 4.
Z7ZU2F	NR = No Results
ZCQ8WX	NR = No Result
ZEQ38U	NR = no results
ZFH462	Results reported with stutter filters on. Y-STRs and Mito not performed at this lab.
ZKFHYH	reporting results with stutter filters on
ZWC2PJ	Y-STR testing only was performed on samples with male DNA. No profiling occurred on items 1 or 4.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 23-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 06, 2023, 11:59 p.m. EST** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: UMTCUJ

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Police have responded to a local bar with reports of a stabbing involving a female bartender (victim) and a male bar patron (suspect). The victim told police that the suspect is a regular at the bar and he often causes trouble. This evening, the suspect arrived at the bar highly intoxicated so the victim refused to serve him. The suspect became irate and started yelling and throwing objects at the victim. When the victim threatened to call police, the suspect grabbed a knife and stabbed the victim multiple times in the arm. Several other patrons ran to help the victim and sustained minor injuries. Police have processed the scene and were not able to locate the weapon inside the business or on the suspect. The suspect was apprehended at the scene with injuries. Investigators are submitting a stain from the shirt the victim was wearing (Item 3) and a stain from the jacket the suspect was wearing (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B1):

- Item 1: Known blood from the female victim
- Item 2: Known blood from the male suspect
- Item 3: Questioned stain from victim's shirt (pink)
- Item 4: Questioned stain from suspect's jacket (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item 3:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

STR Amplification Kit(s) Used:

Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler®
 GlobalFiler™
 Investigator® 24plex

 PowerPlex®
 Other

Report the Probabilistic Genotyping Software Used (if applicable):

Alleles below are sorted in **Default** order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1						

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

<u>Victim (Item 1)</u>			<u>Suspect (Item 2)</u>		
	Item 3	Item 4		Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps only if your laboratory is accredited in this testing/calibration discipline by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)