



Forensic Biology Test No. 24-5704 Summary Report

Each participant received a sample set consisting of two known bloodstains and two questioned stains which they were asked to analyze using their existing protocols. Data were returned from 533 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1 - 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (50 μ L) was created using blood from a female donor. Item 2 (50 μ L) was created using blood from a male donor. Item 3 (50 μ L) was created using blood from an additional female donor whose known standard was not provided. Item 4 (50 μ L) was created using a 1:1 mixture of blood from the female donor used in Item 1 and blood from the male donor used in Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on July 02, 2024 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results						
<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	15,16	18,25	10,11	15,17	11,14	*
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18	NM	NM	NM	NM	
2	15,16	20,25	11,11	16,16	11,12	*
	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20	2	
3	16,16.3	17,24	11,15	16,18	12,12	*
	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NM	NM	NM	NM	
4	15,16	18,20,25	10,11	15,16,17	11,12,14	*
	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20	2	

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	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12	12	15	20	20	24	10	12
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12	12	15	20	20	24	10	12

* Results were not received by a minimum of 10 participants for the loci indicated.
 NM - Non-Male profile, YSTR results not expected.

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

Note: The results provided below are based on a population of 7 participants. The nucleotide ranges represent the range tested by all participants.

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

Deviations HVR-II, HVR-I

Note: The results provided below are based on a population of 7 participants. The deviations represent those tested by all participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants.

	73.0	151.0	152.0	263.0	315.1	16085.0	16309.0	16318.0
ITEM 1	G	T	C	G	C	T	G	C

	73.0	114.0	315.1	16224.0	16234.0	16311.0
ITEM 2	G	T	C	C	T	C

	73.0	150.0	152.0	199.0	263.0	315.1	16129.0	16224.0	16311.0
ITEM 3	G	T	C	C	G	C	A	C	C

Summary Comments

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

Data were returned by 533 participants.

Screening Test Results

Screening results for body fluids were returned by a total of 509 participants. However, not all of these participants returned screening results for each fluid type for both questioned items.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen, all but one participant reported "Negative." The remaining participant reported "Inconclusive." For the presence of saliva, all but two participants reported "Negative." Of the remaining participants, one reported "Positive" and the other reported "Inconclusive." For Human Origin, all but one participant reported "Positive." The remaining participant reported "Inconclusive." For Y Screening, all but one participant reported "Negative." The remaining participant reported "Inconclusive."

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

DNA Analysis

For STR results, all participants reported consistent results, with the exception of eight participants which reported an inconsistent result for one or more items.

For YSTR results, all participants reported consistent results with the exception of three participants.

DNA Interpretations

Of the 518 participants that returned DNA results, 517 reported DNA interpretations. One participant selected the "No Interpretation" option for each conclusion.

For Item 3, all participants excluded both the victim (Item 1) and the suspect (Item 2) as possible contributors to the stain.

For Item 4, all participants included both the victim (Item 1) and the suspect (Item 2) as possible contributors to the stain.

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
24F88E	Pos KM	Pos KM
26NKJ2	Pos KM, Hexagon, bluestar, Visual	Pos KM, Hexagon, bluestar, Visual
28T2WJ	Pos KM	Pos KM
2BA3X3	Pos Combur (TMB), KM	Pos Combur (TMB), KM
2C2KXW	Pos KM	Pos KM
2DXEW8	Pos KM	Pos KM
2E9DT3	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
2EQL67	Pos TMB	Pos TMB
2FKPHD	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
2G3CGV	Pos KM, HemDirect	Pos KM, HemDirect
2GX9E4	Pos LMG	NT
2MZBJ6	Pos TMB	Pos TMB
2MZD9A	Pos KM	Pos KM
2PTWK9	Pos PTMB	Pos PTMB
2PUUV4	Pos LMG	Pos LMG
2TPUKY	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
2VGQ9T	Pos Hemastix	Pos Hemastix
2WBEUA	Pos KM, HemDirect	Pos KM, HemDirect
2XG239	Pos LMG	Pos LMG
2XNMU3	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
2YZYJE	Pos KM	Pos KM
2Z8A3B	Pos Hemophan (Macherey-Nagel), Jus-Chek FOB Immunochromatographic Test	Pos Hemophan (Macherey-Nagel), Jus-Chek FOB Immunochromatographic Test
326RBR	Pos KM	Pos KM
32JDKU	Pos O-tol	Pos O-tol
33C6PZ	Pos LMG, HemaTrace	Pos LMG, HemaTrace
33URY8	Pos KM	Pos KM
39G34J	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3B9BH8	Pos KM	Pos KM
3BMHMH	Pos KM	Pos KM
3E9ME8	Pos KM	Pos KM
3KBFW	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
3MYWNW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
3NXZ9J	Pos LMG	Pos LMG
3RWC4J	Pos LMG	Pos LMG
3XFMCT	Pos KM	Pos KM
3ZQWF6	Pos LMG	Pos LMG
42PBXA	Pos KM	Pos KM
47AUN8	Pos KM	Pos KM
47NHRJ	Pos TMB, HemDirect	Pos TMB, HemDirect
48KVA7	Pos KM	Pos KM
4BGKQD	Pos KM	Pos KM
4DU3ZB	Pos TMB, HemaTrace	Pos TMB, HemaTrace
4FEHGA	Pos KM	Pos KM
4J3UH2	Pos TMB	Pos TMB
4JDHHL	Pos KM	Pos KM
4JKF2X	Pos KM	Pos KM
4L4GWK	Pos TMB, HemDirect	Pos TMB, HemDirect
4MG4FK	Pos KM	Pos KM
4P4RRK	Pos TMB, HemDirect	Pos TMB, HemDirect
4RQKP9	Pos PTMB	Pos PTMB
4UXAX4	Pos ppth, O-tol, HemDirect	Pos ppth, O-tol, HemDirect
4W48HR	Pos KM	Pos KM
4W7RD9	Pos PTMB	Pos PTMB
4XHR9G	Pos KM	Pos KM
638B4K	Pos TMB, HemDirect	Pos TMB, HemDirect
64GB9R	Pos KM	Pos KM
67KBZB	Pos KM	Pos KM
68GVMB	Pos Kastle Mayer	Pos Kastle Mayer
6B2JNB	Pos pth	Pos pth
6EZWBZ	Pos TMB	Pos TMB
6JPN7B	Pos LMG	Pos LMG
6KMK4K	Pos TMB	Pos TMB
6NNT9V	Pos KM, HemaTrace	Pos KM, HemaTrace
6PE24H	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
6R672V	Pos PTMB	Pos PTMB
6Y4TQA	Pos TMB (Hemastix), HemaTrace	Pos TMB (Hemastix), HemaTrace
6Z6T4A	Pos KM	Pos KM
6ZFEEQ	Pos KM	Pos KM
76TRKV	Pos PTMB	Pos PTMB
7BDTZ9	Pos KM	Pos KM
7LBF4Y	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
7LUL3N	Pos KM	Pos KM
7M92KW	Pos PTMB	Pos PTMB
7MLHRH	Pos TMB, HemDirect	Pos TMB, HemDirect
7NJ9Y4	Pos KM	Pos KM
7Q7A4K	Pos O-tol, HTR	Pos O-tol
7RNA9V	Pos KM	Pos KM
7UQ8JN	Pos PTMB	Pos PTMB
7VJAZC	Pos TMB	Pos TMB
7WB9EB	Pos KM	Pos KM
7WT7GA	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
7XCUCC	Pos KM	Pos KM
83ZVW2	Pos PTMB	Pos PTMB
848EHC	Pos LMG	Pos LMG
8726ZC	Pos KM	Pos KM
88C7LB	Pos KM	Pos KM
88TZN7	Pos PTMB	Pos PTMB
8D3E4B	Pos verde de leucomalaquita, ABACard HemaTrace	Pos verde de leucomalaquita, ABACard HemaTrace
8GGZW3	Pos KM	Pos KM
8K42B4	Pos KM	Pos KM
8P8LZF	Pos TMB, HemDirect	Pos TMB, HemDirect
8VEC3L	Pos Hemastix	Pos Hemastix
8VGXZM	Pos KM	Pos KM
8YZQAW	Pos KM, HemaTrace	Pos KM, HemaTrace
92JDYA	Pos O-tol, Seratec HemDirect	Pos O-tol, Seratec HemDirect
93YLEP	Pos KM, HemaTrace	Pos KM, HemaTrace
948KMD	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
9BNF48	Pos PTH	Pos PTH
9CFCT2	Pos TMB, HemDirect	Pos TMB, HemDirect
9GTWYM	Pos Hemastix	Pos Hemastix
9KBEUC	Pos TMB, HemDirect	Pos TMB, HemDirect
9MKUG4	Pos KM	Pos KM
9NAV87	Pos Phenolphthalein	Pos Phenolphthalein
9Q2RVZ	Pos TMB, HemDirect	Pos TMB, HemDirect
9R9737	Pos HemaTrace	Pos HemaTrace
9TMDNN	Pos KM, HemaTrace	Pos KM, HemaTrace
9TRT2N	Pos KM	Pos KM
9UYQ8V	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
9WLRAR	Pos KM, HemaTrace	Pos KM, HemaTrace
9YDNYL	Pos O-tol	Pos O-tol
A2X6FX	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
A74T38	Pos KM	Pos KM
A83EX6	Pos KM	Pos KM
AFCAQ7	Pos KM	Pos KM
AFV77D	Pos TMB	Pos TMB
AJEAWB	Pos KM, HemaTrace	Pos KM, HemaTrace
AL8K4W	Pos KM	Pos KM
ANNJ27	Pos O-tol, PMB(P+)	Pos O-tol, PMB(P+)
AP7XP2	Pos KM	Pos KM
APM38Y	Pos KM	Pos KM
ATK7XF	Pos TMB, HemDirect	Pos TMB, HemDirect
AVLBAZ	Pos KM	Pos KM
AXV866	Pos KM	Pos KM
AZ2JXZ	Pos KM	Pos KM
B4M2UW	Pos KM	Pos KM
B742NC	Pos KM	Pos KM
B8K4KC	Pos TMB	Pos TMB
BAG2K3	Pos KM	Pos KM
BD9XKH	Pos LMG, HT	Pos LMG, HT
BFA7PT	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
BG4UZN	Pos FOB	Pos FOB
BH3YKC	Pos KM	Pos KM
BLAKY9	Pos Hemastix	Pos Hemastix
BLXNXP	Pos KM, TMB	Pos KM, TMB
BMEMK9	Pos KM	Pos KM
BRLAZ6	Pos LMG	Pos LMG
BUCET3	Pos PTMB	Pos PTMB
BV3MT6	Pos O-tol	Pos O-tol
BXU7MW	Pos ppth, O-tol, HD	Pos ppth, O-tol, HD
BY79Q4	Pos KM	Pos KM
BZFMPPW	Pos TMB, HemDirect	Pos TMB, HemDirect
C34A47	Pos KM	Pos KM
C6N89M	Pos KM	Pos KM
C9NJ6M	Pos KM, HemaTrace	Pos KM, HemaTrace
CBXGNW	Pos PTMB	Pos PTMB
CCPDDQ	Pos PTMB	Pos PTMB
CEFLDT	Pos TMB	Pos TMB
CFCVLQ	Pos KM, TMB	Pos KM, TMB
CFPQQH	Pos KM	Pos KM
CFQJQB	Pos KM	Pos KM
CQDFVH	Pos PTMB	Pos PTMB
CQPC2M	Pos PTMB	Pos PTMB
CQQYR9	Pos TMB	Pos TMB
CTZM6Y	Pos KM	Pos KM
CWVG3Z	Pos LMG	Pos LMG
CX9HXU	Pos PTMB	Pos PTMB
CXQHRJ	Pos KM	Pos KM
CZAJM6	Pos KM	Pos KM
CZDBP8	Pos KM	Pos KM
CZZEMN	Pos PTMB	Pos PTMB
D2J3A8	Pos TMB	Pos TMB
D3FERU	Pos KM	Pos KM
D7WMFT	Pos LMG	Pos LMG

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
D9L3UV	Pos PTMB	Pos PTMB
DC64PH	Pos KM	Pos KM
DDXYEC	Pos TMB	Pos TMB
DJZ7RT	Pos KM	Pos KM
DNGDFT	Pos KM, HemaTrace	Pos KM, HemaTrace
DNYCR7	Pos RSID – Rapid Stain Identification of Human Blood	Pos RSID – Rapid Stain Identification of Human Blood
DPM6W9	Pos KM	Pos KM
DPXFCT	Pos PTMB	Pos PTMB
DRYQXV	Pos TMB, HemDirect	Pos TMB, HemDirect
DTTAAU	Pos PTMB; HemDirect	Pos PTMB; HemDirect
DVEXLU	Pos TMB, HemDirect	Pos TMB, HemDirect
DXJQD9	Pos TMB, HemDirect	Pos TMB, HemDirect
DZ7AE7	Pos HemaTrace	Pos HemaTrace
DZBPR7	Pos KM	Pos KM
E3CAUW	Pos TMB, HemDirect	Pos TMB, HemDirect
E4M4K6	Pos LMG, HemaTrace	Pos LMG, HemaTrace
E6KFHJ	Pos KM, HemaTrace	Pos KM, HemaTrace
E84GD6	Pos KM	Pos KM
E8PV2H	Pos Hexagon Obti, Hemastix	Pos Hexagon Obti, Hemastix
E8RHHW	Pos KM	Pos KM
EAX2P6	Pos KM	Pos KM
EDB2LW	Pos PTMB	Pos PTMB
EDXW2X	Pos LMG	Pos LMG
EP7PKW	Pos KM	Pos KM
EQ2VW6	Pos KM	Pos KM
EQ7FYR	Pos KM	Pos KM
EVULFU	Pos KM	Pos KM
EW3GTQ	Pos KM	Pos KM
F2YZGP	Pos TMB, HemDirect	Pos TMB, HemDirect
F44JQJ	Pos PTMB	Pos PTMB
F6EDFR	Pos KM	Pos KM
F6ZW97	Pos KM	Pos KM
F9RDDJ	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
FCC6NL	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
FCGGAW	Pos KM	Pos KM
FCVYBG	Pos TMB	Pos TMB
FFBJAP	Pos KM	Pos KM
FHNYTJ	Pos PTMB	Pos PTMB
FKABJT	Pos KM	Pos KM
FKLFT7	Pos HEMOGLOBINA HumanA	Pos HEMOGLOBINA HumanA
FNPE4Y	Pos KM	Pos KM
FPLVCF	Pos KM	Pos KM
FRBZAT	Pos PTMB	Pos PTMB
FRCVP6	Pos KM, HemaTrace	Pos KM, HemaTrace
FXY8KR	Pos KM	Pos KM
FZKD73	Pos KM	Pos KM
G2TWEY	Pos LMG	Pos LMG
G337FW	Pos PTMB	Pos PTMB
GAKKX8	Pos TMB, HemDirect	Pos TMB, HemDirect
GCE6A8	Pos KM	Pos KM
GFF7CP	Pos PTMB	Pos PTMB
GG832J	Pos PTMB	Pos PTMB
GHZ88C	Pos Hemastix	Pos Hemastix
GJR3W6	Pos TMB	Pos TMB
GK7JDD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
GLZFBL	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
GMRCZF	Pos KM	Pos KM
GN8NQX	Pos KM	Pos KM
GPGT4L	Pos KM	Pos KM
GRMJKV	Pos KM	Pos KM
GT3TPP	Pos LMG	Pos LMG
GV3V2Q	Pos TMB, HemDirect	Pos TMB, HemDirect
GXAVKC	Pos Hemastix	Pos Hemastix
GZMB3K	Pos PTMB	Pos PTMB
H3F43R	Pos KM	Pos KM
H8ULJA	Pos KM, HemaTrace	Pos KM, HemaTrace

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
H97DCQ	Pos TMB, HemDirect	Pos TMB, HemDirect
HDMLZQ	Pos TMB, HemDirect	Pos TMB, HemDirect
HEDYAV	Pos KM, IR	Pos KM, IR
HFMU6Z	Pos TMB	Pos TMB
HGXWQY	Pos KM	Pos KM
HHTGDY	Pos O-tol, HemDirect	Pos O-tol, HemDirect
HJQF3Y	Pos KM	Pos KM
HLD6EY	Pos KM	Pos KM
HPJJ2J	Pos KM/TMB	Pos KM/TMB
HUUT2D	Pos KM, Hemdirect	Pos KM, Hemdirect
HYZ4XQ	Pos KM	Pos KM
HZGB7U	Pos LMG	Pos LMG
J9MYFZ	Pos KM, HemaTrace	Pos KM, HemaTrace
JADZLN	Pos KM	Pos KM
JAUAC4	Pos TMB, HemDirect	Pos TMB, HemDirect
JCZU2P	Pos TMB, HemDirect	Pos TMB, HemDirect
JDD9PY	Pos O-tol, Seratec PMB	Pos O-tol, Seratec PMB
JEUEEP	Pos PTMB	Pos PTMB
JF6CFZ	Pos KM, TMB	Pos KM, TMB
JNDY9L	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
JQJKY7	Pos KM	Pos KM
JTBFNZ	Pos KM	Pos KM
JUPTEH	Pos PTMB	Pos PTMB
JXN2UL	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
K3U482	Pos KM	Pos KM
K4F6QU	Pos LMG	Pos LMG
K9JUFH	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
KA236Q	Pos KM	Pos KM
KAAF4K	Pos LMG	Pos LMG
KABQ6C	Pos PTMB	Pos PTMB
KGTABW	Pos KM	Pos KM
KGTLZR	Pos KM	Pos KM
KJLXVD	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
KJZE3Z	Pos KM	Pos KM
KRXWPP	Pos PTMB	Pos PTMB
KT3LTT	Pos Hemochromogen	Pos Hemochromogen
KTB7KN	Pos KM	Pos KM
KTPP6K	Pos KM	Pos KM
KU4MPC	Pos TMB, HemaTrace	Pos TMB, HemaTrace
KUZ6LL	Pos TMB	Pos TMB
KW8DYD	Pos KM, HemaTrace	Pos KM, HemaTrace
KYHM3N	Pos KM	Pos KM
KYX7LL	Pos KM	Pos KM
L2JJ6Y	Pos KM, TMB	Pos KM, TMB
L9H7UD	Pos LMG, HemaTrace	Pos LMG, HemaTrace
L9H8PW	Pos KM	Pos KM
LABQJN	Pos KM	Pos KM
LBNREH	Pos KM	Pos KM
LENQ24	Pos TMB, hemdirect	Pos TMB, hemdirect
LGBHYR	Pos PTMB	Pos PTMB
LNAGGL	Pos LMG	Pos LMG
LPQ2JQ	Pos PTMB	Pos PTMB
LQWTZ7	Pos HSTX	Pos HSTX
LRA3DD	Pos KM, HemaTrace	Pos KM, HemaTrace
LRNNPZ	Pos TMB	Pos TMB
LUYHRF	Pos PTMB	Pos PTMB
LVBBHM	Pos KM	Pos KM
LVPU3K	Pos KM	Pos KM
LXWF8Q	Pos KM	Pos KM
LYC3Y2	Pos LMG, HemaTrace	Pos LMG, HemaTrace
LZ4X7M	Pos red-brown, HemDirect	Pos red-brown, HemDirect
M2DQTG	Pos KM	Pos KM
M46P8E	Pos KM	Pos KM
M9CBQX	Pos KM, HemaTrace	Pos KM, HemaTrace
M9RLL4	Pos KM	Pos KM
M9U93H	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
MANN6J	Pos LMG, HemaTrace	Pos LMG
MBYZUV	Pos TMB	Pos TMB
MCQY9U	Pos KM	Pos KM
MDLKVT	Pos KM	Pos KM
MEVPAH	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
MJCWXG	Pos Hemastix, HemaTrace	Pos Hemastix, HemaTrace
MLJ8UK	Pos TMB, Hemdirect	Pos TMB, Hemdirect
MMA9Y9	Pos KM	Pos KM
MNKD76	Pos HSTX	Pos HSTX
MNMUGW	Pos LMG, HemaTrace	Pos LMG, HemaTrace
MPJA4F	Pos PTMB	Pos PTMB
MUD7T7	Pos LMG	Pos LMG
MXA4TX	Pos TMB, HemDirect	Pos TMB, HemDirect
MZ2ZHR	Pos KM	Pos KM
N2HXXT	Pos KM	Pos KM
N37XE7	Pos KM, HemaTrace	Pos KM, HemaTrace
N4EZEH	Pos TMB, HemDirect	Pos TMB, HemDirect
N8Y37N	Pos PTMB	Pos PTMB
NBB99N	Pos KM	Pos KM
NG4MBH	Pos LMG	Pos LMG, HemaTrace
NHD9UC	Pos LMG, ABACard HemaTrace	Pos LMG, ABACard HemaTrace
NJ66H7	Pos O-tol	Pos O-tol
NKJRUT	Pos KM	Pos KM
NPWC2E	Pos LMG, HemaTrace	Pos LMG, HemaTrace
NR47WJ	Pos KM, Haemoglobin	Pos KM, Haemoglobin
NRVZ8N	Pos KM	Pos KM
NXBAND	Pos KM, TMB	Pos KM, TMB
NYJ7GG	Pos TMB, HemDirect	Pos TMB, HemDirect
P93LGH	Pos FOB, HemoPhan,	Pos FOB, HemoPhan,
P9K4NH	Pos PTMB	Pos PTMB
PGF7QT	Pos KM	Pos KM
PHTPMJ	Pos KM	Pos KM
PJ3U2T	Pos TMB	Pos TMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
PLWEET	Pos KM	Pos KM
PM6V3Q	Pos PTH	Pos PTH
PNWRQK	Pos TMB, HemDirect	Pos TMB, HemDirect
PTACX7	Pos Hemastix	Pos Hemastix
PTV3ZD	Pos KM, HemaTrace	Pos KM, HemaTrace
PUPCUL	Pos KM	Pos KM
PYGUGR	Pos KM	Pos KM
PZULA9	Pos PTMB	Pos PTMB
Q2LDMK	Pos KM	Pos KM
Q2Z9J8	Pos TMB	Pos TMB
Q3CCNH	Pos TMB, HemDirect	Pos TMB, HemDirect
Q3WQEG	Pos TMB, HemDirect	Pos TMB, HemDirect
Q4N2Z9	Pos PTMB	Pos PTMB
Q66VZH	Pos PTMB	Pos PTMB
Q67RGU	Pos KM, HemaTrace	Pos KM, HemaTrace
Q92KGP	Pos TMB, HemaTrace	Pos TMB, HemaTrace
QD98WL	Pos KM	Pos KM
QDEKDG	Pos PTMB, Hemdirect	Pos PTMB, Hemdirect
QEMMEU	Pos KM	Pos KM
QF44LL	Pos KM, RSID Blood	Pos KM, HemaTrace
QH82WE	Pos LMG	Pos LMG
QHNL7G	Pos KM	Pos KM
QJKZED	Pos KM, TMB	Pos KM, TMB
QLL4T7	Pos KM	Pos KM
QMHPF6	Pos KM	Pos KM
QNQNNT	Pos LMG	Pos LMG
QPMEFT	Pos KM	Pos KM
QQDFLG	Pos KM	Pos KM
QU6VEH	Pos KM	Pos KM
QUFGNY	Pos KM	Pos KM
QW8DDT	Pos KM	Pos KM
QWK2EK	Pos O-tol	Pos O-tol
QWNULL	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
QXFPTA	Pos KM, HemaTrace	Pos KM, HemaTrace
QYELQJ	Pos PTMB	Pos PTMB
QZ8N88	Pos KM, HemaTrace	Pos KM, HemaTrace
R2XX3U	Pos LMG, HemaTrace	Pos LMG, HemaTrace
R9H6HE	Pos TMB, HemDirect	Pos TMB, HemDirect
RB3YDU	Pos KM	Pos KM
RBMNPM	Pos TMB, HemaTrace	Pos TMB, HemaTrace
RDC386	Pos KM	Pos KM
RDPVKK	Pos KM	Pos KM
RH3GR7	Pos KM	Pos KM
RLZVEV	Pos TMB	Pos TMB
RQY9ZZ	Pos HemaTrace	Pos HemaTrace
RXZE63	Pos LMG	Pos LMG
RY6DQV	Pos TMB, HemDirect	Pos TMB, HemDirect
T26VDP	Pos KM	Pos KM
T38P9G	Pos PTMB	Pos PTMB
T8CCVQ	Pos KM, HemaTrace	Pos KM, HemaTrace
T8KAE3	Pos KM	Pos KM
TBJM89	Pos KM, TMB	Pos KM, TMB
TCWZWQ	Pos TMB	Pos TMB
TEHX49	Pos KM, TMB	Pos KM, TMB
TFF87B	Pos KM	Pos KM
TFPBGN	Pos KM	Pos KM
TG84V6	Pos KM, HemaTrace	Pos KM, HemaTrace
TJCWMH	Pos PTMB	Pos PTMB
TRM6ZD	Pos LMG	NT
TTEZP8	Pos KM	Pos KM
TUCYUE	Pos LMG	Pos LMG
TW3N38	Pos KM, TMB	Pos KM, TMB
TWZY6B	Pos KM	Pos KM
TXCAPE	Pos LMG	Pos LMG
TYRUU6	Pos KM, HemaTrace	Pos KM, HemaTrace
U3KMUD	Pos TMB, HemDirect	Pos TMB, HemDirect

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
U4BNZ2	Pos KM	Pos KM
U4D87C	Pos PTMB	Pos PTMB
U4W48Q	Pos KM	Pos KM
U8YG7H	Pos LMG	Pos LMG
U9AZV2	Pos KM	Pos KM
UA3PF9	Pos KM, HemaTrace	Pos KM, HemaTrace
UBUUQF	Pos KM	Pos KM
UC7NAM	Pos KM	Pos KM
UEZ9ML	Pos KM	Pos KM
UMP3B4	Pos KM	Pos KM
UPF6JD	Pos TMB	Pos TMB
UPUQUZ	Pos KM	Pos KM
UQQ76C	Pos TMB, HemDirect	Pos TMB, HemDirect
URMGE9	Pos LMG, HemaTrace	Pos LMG, HemaTrace
UTJQGB	Pos LMG+	Pos LMG+
UU9WHE	Pos KM	Pos KM
UY2AAP	Pos PTMB, HemaTrace	Pos PTMB, HemaTrace
UY7RD	Pos LMG	Pos LMG
UZETJM	Pos KM	Pos KM
V4PCUZ	Pos KM, HemaTrace	Pos KM, HemaTrace
V4UR82	Pos KM	Pos KM
V642VR	Pos TMB, HemDirect	Pos TMB, HemDirect
V64Y7N	Pos KM, HemaTrace	Pos KM, HemaTrace
VAGJDA	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
VAYT4P	Pos TMB	Pos TMB
VB8VXZ	Pos O-tol	Pos O-tol
VBDG4A	Pos KM, Combur (TMB)	Pos KM, Combur (TMB)
VBRCFN	Pos KM	Pos KM
VC7YRB	Pos PTMB	Pos PTMB
VDXX7A	Pos LMG	Pos LMG
VDZN38	Pos LMG and HemaTrace	Pos LMG and HemaTrace
VFPWK9	Pos PTMB	Pos PTMB
VGJJYW	Pos KM	Pos KM

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
VKG43G	Pos PTMB	Pos PTMB
VMPFKH	Pos PTMB	Pos PTMB
VQLZN2	Pos KM, HemaTrace	Pos KM, HemaTrace
VWATB2	Pos KM	Pos KM
VYKUXE	Pos KM	Pos KM
W3C3GU	Pos KM	Pos KM
W6JKFP	Pos TMB	Pos TMB
W6W4CF	Pos KM	Pos KM
W7RPVY	Pos KM	Pos KM
W7UBRE	Pos PTMB	Pos PTMB
WADEFC	Pos TMB	Pos TMB
WF3YG7	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
WFEVLB	Pos KM	Pos KM
WFJYN3	Pos PTMB	Pos PTMB
WGUV7Z	Pos PTMB	Pos PTMB
WHBX32	Pos KM, HemaTrace	Pos KM, HemaTrace
WJDWZM	Pos LMG	Pos LMG
WJZUFE	Pos KM	Pos KM
WK9PJC	Pos LMG	Pos LMG
WP9HTF	Pos KM	Pos KM
WPPX8C	Pos KM	Pos KM
WT87HX	Pos KM and HemaTrace	Pos KM and HemaTrace
WUKXCY	Pos PTMB	Pos PTMB
WZA672	Pos KM	Pos KM
X3ULND	Pos PTMB	Pos PTMB
X4KNHE	Pos KM	Pos KM
X7AUCC	Pos PTMB	Pos PTMB
X9EAB9	Pos KM	Pos KM
XAPNPN	Pos LMG	Pos LMG
XAQK72	Pos LMG, HemaTrace	Pos LMG, HemaTrace
XFE2QC	Pos PTMB	Pos PTMB
XJ2MJY	Pos TMB, HemaTrace	Pos TMB, HemaTrace
XJECMC	Pos PTMB	Pos PTMB

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
XKRLXX	Pos KM	Pos KM
XNRXUX	Pos KM	Pos KM
XTLUHN	Pos LMG	Pos LMG
XY4FUF	Pos KM	Pos KM
XY8GX8	Pos LMG	Pos LMG
XYKM2H	Pos KM	Pos KM
Y2VPP3	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
Y4JH3B	Pos KM	Pos KM
Y4Y2M9	Pos KM, HemaTrace	Pos KM, HemaTrace
Y6C4H3	Pos KM	Pos KM
Y7PLET	Pos KM, HemaTrace	Pos KM, HemaTrace
Y99MAF	Pos KM	Pos KM
YAAKVV	Pos KM, ABACard HemaTrace	Pos KM, ABACard HemaTrace
YDLGED	Pos O-tol	Pos O-tol
YEN3DD	Pos PTMB	Pos PTMB
YFTWLJ	Pos TMB	Pos TMB
YGKTBC	Pos O-tol	Pos O-tol
YHJGQ9	Pos KM	Pos KM
YHMGXH	Pos KM	Pos KM
YJRFJB	Pos Kastle Meyer	Pos Kastle Meyer
YLHVCC	Pos RSID-Blood	Pos RSID-Blood
YLZD66	Pos TMB	Pos KM
YPJBX2	Pos PTMB	Pos PTMB
YVP6RX	Pos KM, Hemdirect	Pos KM, Hemdirect
YWFG23	Pos LMG, HemaTrace	Pos LMG, HemaTrace
YYKWMM	Pos KM	Pos KM
YZZ2BD	Pos KM	Pos KM
Z4FWPP	Pos TMB, HemDirect	Pos TMB, HemDirect
Z4TQ36	Pos TMB, Takayama, RSID	Pos TMB, Takayama, RSID
ZC8TQC	Pos LMG, RSID-Blood	Pos LMG, RSID-Blood
ZCMXNV	Pos KM	Pos KM
ZDZ923	Pos KM	Pos KM
ZE7YHG	Pos Hemastix	Pos Hemastix

TABLE 1a

WebCode	Blood Screening Results	
	Item 3	Item 4
ZEDW3U	Pos O-tol	Pos O-tol
ZHUBVU	Pos PTMB	Pos PTMB
ZJ8UT7	Pos TMB, HemDirect	Pos TMB, HemDirect
ZLFWMG	Pos KM	Pos KM
ZM9TCB	Pos PTMB	Pos PTMB
ZR3WVG	Pos KM	Pos KM
ZRLTA3	Pos PTMB	Pos PTMB
ZWYEFN	Pos LMG, HemaTrace	Pos LMG, HemaTrace
ZY4Y7A	Pos PTMB	Pos PTMB
ZZWVU4	Pos PTMB	Pos PTMB

Table 1a: Serology Screening Response Summary - Blood		Participants: 503	
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	503	501	
Negative	0	0	
Inconclusive	0	0	

Serology Screening Results

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

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
24F88E	Neg AP	Neg AP
26NKJ2	Neg PSA	Neg PSA
2BA3X3	Neg AP, PSA	Neg AP, PSA
2C2KXW	Neg AP	Neg AP
2DXEW8	Neg AP	Neg AP
2E9DT3	Neg PSA, AP	Neg PSA, AP
2EQL67	Neg ALS, AP	Neg ALS, AP
2FKPHD	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
2G3CGV	Neg ALS, AP, Micro, RSID-Semen	Neg ALS, AP, Micro, RSID-Semen
2GX9E4	Neg ALS, AP, PSA, Micro	NT
2MZD9A	Inc	NT
2PTWK9	NT	Neg AP
2TPUKY	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
2XG239	Neg AP	Neg AP
2XNMU3	Neg AP, PSA	Neg AP, PSA
2YZYJE	Neg ALS, AP, Micro	Neg ALS, AP, Micro
2Z8A3B	Neg RSID Semen	Neg RSID Semen
326RBR	Neg AP	Neg AP
32JDKU	Neg AP	Neg AP
33C6PZ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
33URY8	Neg AP and Micro	Neg AP and Micro
3B9BH8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
3E9ME8	Neg AP, PSA, Micro	Neg AP, PSA, Micro
3MYWNW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
47AUN8	Neg PSA	Neg PSA
48KVA7	Neg PSA, ALS	Neg PSA, ALS
4DU3ZB	Neg AP	Neg AP
4JDHHL	Neg ALS, Micro, PSA	Neg ALS, Micro, PSA
4MG4FK	Neg AP	Neg AP
4RQKP9	Neg AP	Neg AP
4W48HR	NT	Neg AP
4W7RD9	NT	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
4XHR9G	Neg AP	Neg AP
64GB9R	Neg AP	Neg AP
67KBZB	NT	Neg AP, Micro
68GVMB	Neg Acid Phosphatase	Neg Acid Phosphatase
6B2JNB	Neg AP	Neg AP
6EZWBZ	NT	Neg ALS, AP
6NNT9V	Neg AP only, no further testing	Neg AP only, no further testing
6PE24H	Neg AP	Neg AP
6Y4TQA	Neg ALS, AP	Neg ALS, AP
76TRKV	Neg AP	Neg AP
7BDTZ9	Neg AP	Neg AP
7LBF4Y	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
7LUL3N	Neg AP, Micro	Neg AP, Micro
7M92KW	Neg ALS, AP, Micro	Neg ALS, AP, Micro
7Q7A4K	NT	Neg AP
7RNA9V	NT	Neg AP
7VJAZC	Neg AP	Neg AP
7WB9EB	Neg AP	Neg AP
7WT7GA	Neg PSA, RSID-Semen	Neg PSA, RSID-Semen
83ZVW2	Neg AP	Neg AP
88C7LB	Neg AP	Neg AP
88TZN7	Neg AP	Neg AP
8D3E4B	Neg ABACard p30	Neg ABACard p30
8VGXZM	Neg AP, PSA	Neg AP, PSA
8YZQAW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
92JDYA	Neg AP	Neg AP
9BNF48	NT	Neg AP
9CFCT2	Neg ALS, AP	Neg ALS, AP
9KBEUC	NT	Neg AP, Micro, PSA
9NAV87	NT	Neg AP
9Q2RVZ	NT	Neg ALS, AP
9R9737	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
9TMDNN	Neg AP, Micro	Neg AP, Micro
9UYQ8V	Neg AP, PSA	Neg AP, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
9WLRAR	Neg ALS, AP	Neg ALS, AP
9YDNYL	Neg AP	Neg AP
A74T38	Neg AP	Neg AP
A83EX6	Neg AP, Micro	Neg AP, Micro
AFCAQ7	Neg PSA, Micro	Neg PSA, Micro
AFV77D	NT	Neg AP
AJEAWB	Neg PSA, Micro	Neg PSA, Micro
AL8K4W	Neg AP, PSA, Micro	Neg AP, PSA, Micro
AP7XP2	Neg ALS, AP, Micro	Neg ALS, AP, Micro
APM38Y	Neg AP	Neg AP
ATK7XF	NT	Neg AP, Micro, PSA
AVLBAZ	Neg ALS, PSA	Neg ALS, PSA
AZ2JXZ	Neg AP	Neg AP; PSA
B8K4KC	Neg AP	Neg AP
BAG2K3	Neg BCIP	Neg BCIP
BD9XKH	Neg AP, PSA, Micro	Neg AP, PSA, Micro
BFA7PT	Neg AP	Neg AP
BG4UZN	Neg PSA	Neg PSA
BH3YKC	Neg AP	Neg AP
BLXNXP	Neg AP	Neg AP
BUCET3	NT	Neg AP
BXU7MW	Neg AP, ALS	Neg AP, ALS
BY79Q4	Neg AP	Neg AP
C34A47	Neg AP	Neg AP
CBXGNW	NT	Neg AP
CCPDDQ	Neg AP	Neg AP
CEFLDT	Neg ALS, AP	Neg ALS, AP
CFCVLQ	Neg AP	Neg AP
CFPQQH	NT	Neg PSA
CFQJQB	Neg AP	Neg AP
CWVG3Z	Neg AP	Neg AP
CXQHRJ	Neg AP, Micro	Neg AP, Micro
CZDBP8	Neg AP	Neg AP
CZZEMN	Neg AP	Neg AP

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
D7WMFT	Neg AP, PSA, Micro	Neg AP
D9L3UV	Neg AP	Neg AP
DC64PH	Neg AP, Micro	Neg AP, Micro
DJZ7RT	Neg AP, Micro	Neg AP, Micro
DNGDFT	Neg AP, Micro, PSA	Neg AP, Micro, PSA
DNYCR7	Neg RSID – Rapid Stain Identification of Human Semen	Neg RSID – Rapid Stain Identification of Human Semen
DPM6W9	Neg AP	Neg AP
DPXFCT	NT	Neg AP
DRYQXV	Neg ALS, AP	Neg ALS, AP
DTTAAU	NT	Neg ALS; AP
DVEXLU	Neg ALS, AP	Neg ALS, AP
DZ7AE7	Neg PSA	Neg PSA
DZBPR7	NT	Neg AP, Micro
E3CAUW	Neg ALS, AP	Neg ALS, AP
E8PV2H	Neg PSA	Neg PSA
EAX2P6	Neg AP	Neg AP
EDXW2X	Neg AP	Neg AP
EVULFU	Neg PSA	Neg PSA
EW3GTQ	Neg AP, Micro, PSA	Neg AP, Micro, PSA
F2YZGP	Neg ALS, AP	Neg ALS, AP
F44JQJ	Neg AP	Neg AP
F6ZW97	Neg AP	Neg AP
F9RDDJ	Neg AP, Micro	Neg AP, Micro
FCC6NL	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
FCVYBG	Neg ALS, AP	Neg ALS, AP
FNPE4Y	Neg BCIP	Neg BCIP
FRCVP6	Neg Micro, PSA	Neg Micro, PSA
FXY8KR	Neg ALS, AP	Neg ALS, AP
G2TWEY	NT	Neg AP
G337FW	Neg AP	Neg AP
GCE6A8	Neg AP	Neg AP
GG832J	Neg AP	Neg AP
GJR3W6	NT	Neg AP
GLZFBF	Neg PSA	Neg PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
GN8NQX	Neg AP	Neg AP
GZMB3K	Neg AP	Neg AP
H3F43R	Neg PSA	Neg PSA
H8ULJA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
HEDYAV	Neg ALS, BCIP	Neg ALS, BCIP
HHTGDY	Neg AP, PSA	Neg AP, PSA
HJQF3Y	Neg ALS, AP, Micro	Neg ALS, AP, Micro
HLD6EY	Neg AP	Neg AP
HPJJ2J	Neg AP	Neg AP
HUUT2D	Neg ALS, AP, Micro	Neg ALS, AP, Micro
HYZ4XQ	Neg AP, Micro & PSA	Neg AP, Micro & PSA
HZGB7U	Neg AP, ALS	Neg AP, ALS
J9MYFZ	Neg AP	Neg AP
JDD9PY	Neg AP	Neg AP
JF6CFZ	Neg AP	Neg AP
JNDY9L	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
JUPTEH	Neg AP	Neg AP
JXN2UL	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
K4F6QU	NT	Neg AP
K9JUFH	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
KAAF4K	Neg AP	Neg AP
KABQ6C	Neg AP	Neg AP
KRXWPP	Neg AP	Neg AP
KTB7KN	Neg AP, Micro	Neg AP, Micro
KTPP6K	Neg AP, Micro, PSA	Neg AP, Micro, PSA
KU4MPC	Neg AP, PSA	Neg AP, PSA
KUZ6LL	NT	Neg ALS, AP
L2JJ6Y	Neg AP	Neg AP
L9H7UD	Neg AP, Micro, PSA	Neg AP, Micro, PSA
L9H8PW	NT	Neg AP
LGBHYR	Neg AP	Neg AP
LPQ2JQ	Neg AP	Neg AP
LVBBHM	Neg AP	Neg AP
LZ4X7M	Neg AP, ALS	Neg AP, ALS

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
M9CBQX	Neg PSA, Micro	Neg PSA, Micro
M9RLL4	NT	Neg AP
M9U93H	NT	Neg ALS, AP
MANN6J	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro, PSA
MBYZUV	Neg AP, Micro	Neg AP, Micro
MDLKVT	Neg AP	Neg AP
MEVPAH	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
MLJ8UK	NT	NT ALS
MMA9Y9	Neg AP, PSA	Neg AP, PSA
MNMUGW	Neg AP, PSA, Micro	Neg AP, PSA, Micro
MPJA4F	Neg AP	Neg AP
N4EZEH	Neg AP, Micro, PSA	Neg AP, Micro, PSA
N8Y37N	Neg AP	Neg AP
NG4MBH	Neg ALS, AP, Micro, PSA	Neg ALS, AP, Micro
NHD9UC	Neg AP	Neg AP
NJ66H7	Neg AP, PSA	Neg AP, PSA
NPWC2E	Neg AP	Neg AP
NXBAND	Neg AP	Neg AP
NYJ7GG	NT	Neg ALS, AP
P93LGH	Neg Phosphatesmo RSID, PSA	Neg Phosphatesmo RSID, PSA
PGF7QT	Neg AP	Neg AP
PHTPMJ	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
PM6V3Q	NT	Neg ALS, AP
PNWRQK	NT	Neg ALS, AP
PTV3ZD	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Q2LDMK	Neg AP, Micro	Neg AP, Micro
Q2Z9J8	Neg AP, PSA	Neg AP, PSA
Q3CCNH	NT	Neg ALS, AP
Q3WQEG	Neg AP	Neg AP
Q4N2Z9	Neg AP, Micro	Neg AP, Micro
Q66VZH	NT	Neg AP
Q67RGU	Neg PSA, Micro	Neg PSA, Micro
Q92KGP	Neg ALS, AP	Neg ALS, AP
QHNL7G	Neg AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
QJKZED	Neg AP	Neg AP
QMHPF6	Neg AP, Micro, PSA	Neg AP, Micro
QNNQNT	Neg AP	Neg AP
QU6VEH	Neg AP	Neg AP
QUFGNY	Neg ALS, Micro, PSA	Neg ALS, Micro, PSA
QXFPTA	Neg AP, PSA, Micro	Neg AP, PSA, Micro
QYELQJ	NT	Neg AP
R9H6HE	NT	Neg ALS, AP
RBMNPM	Neg AP	Neg AP
RDC386	Neg PSA	Neg PSA
RH3GR7	Neg AP, Micro	Neg AP, Micro
RLZVEV	NT	Neg AP
RQY9ZZ	Neg p30, Micro	Neg p30, Micro
RXZE63	Neg AP, PSA	Neg AP, PSA
T8CCVQ	Neg PSA, RSID	Neg PSA, RSID
T8KAE3	Neg AP	Neg AP
TBJM89	Neg AP	Neg AP
TCWZWQ	NT	Neg AP
TEHX49	Neg AP	Neg AP
TJCWMH	NT	Neg AP
TRM6ZD	Neg ALS, AP, p30, Micro	NT
TW3N38	Neg AP	Neg AP
TXCAPE	Neg ALS, AP	Neg ALS, AP
U3KMUD	Neg ALS, AP	Neg ALS, AP
U4BNZ2	Neg PSA	Neg PSA
U8YG7H	Neg ALS	Neg ALS, AP
UA3PF9	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
UBUUQF	Neg ALS, PSA	Neg ALS, PSA
UEZ9ML	Neg ALS, AP, Micro	Neg ALS, AP, Micro
UQQ76C	Neg AP	Neg AP
URMGE9	Neg AP, Micro, PSA	Neg AP, Micro, PSA
UU9WHE	Neg AP, PSA, Micro	Neg AP, PSA, Micro
UZETJM	Neg AP	Neg AP
V4PCUZ	Neg AP, Micro, PSA	Neg AP, Micro, PSA

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
V642VR	Neg AP	Neg AP
V64Y7N	Neg AP, PSA-30	Neg AP, PSA-30
VAGJDA	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
VBDG4A	Neg AP, PSA	Neg AP, PSA
VDZN38	Neg AP, Micro, and PSA	Neg AP, Micro, and PSA
VFPWK9	NT	Neg AP
VKG43G	NT	Neg AP
VMPFKH	Neg AP	Neg AP
W7RPVY	Neg AP, PSA	Neg AP, PSA
W7UBRE	Neg AP	Neg AP
WF3YG7	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
WFEVLB	Neg AP, PSA, Micro, ALS	Neg AP, PSA, Micro, ALS
WGUV7Z	Neg AP	Neg AP
WK9PJC	Neg AP	Neg AP
WPPX8C	Neg AP, PSA, ALS	Neg AP, PSA, ALS
WT87HX	Neg AP and PSA	Neg AP and PSA
WZA672	Neg AP, Micro	Neg AP, Micro
X7AUCC	Neg AP	Neg AP
XAQK72	Neg AP, Micro, PSA	Neg AP, Micro, PSA
XY4FUF	Neg ALS, AP	Neg ALS, AP
XYKM2H	Neg AP	Neg AP
Y2VPP3	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
Y7PLET		Neg AP
Y99MAF	Neg ALS, AP	Neg ALS, AP
YEN3DD	Neg AP	Neg AP
YHMGXH	Neg AP	Neg AP
YJRFJB	Neg PSA	Neg PSA
YPJBX2	NT	Neg AP, ALS, Micro
YVP6RX	Neg ALS, AP, Micro	Neg ALS, AP, Micro
YWFG23	Neg AP	Neg AP
YYKWMM	Neg AP, PSA	Neg AP, PSA
Z4TQ36	Neg ALS, AP, PSA, Micro	Neg ALS, AP, PSA, Micro
ZC8TQC	Neg ALS, AP	Neg ALS, AP
ZCMXNV	Neg AP, Micro	Neg AP, Micro

TABLE 1b

WebCode	Semen Screening Results	
	Item 3	Item 4
ZEDW3U	Neg AP	Neg AP
ZHUBVU	Neg AP	Neg AP
ZJ8UT7	Neg ALS, AP	Neg ALS, AP
ZRLTA3	Neg AP, ALS	Neg AP, ALS
ZY4Y7A	Neg AP	Neg AP
ZZWVU4	NT	Neg AP

Table 1b: Serology Screening Response Summary - Semen			Participants: 276
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	0	0	
Negative	233	272	
Inconclusive	1	0	

Serology Screening Results

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

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
26NKJ2	Neg Phadebas	Neg Phadebas
2BA3X3	Neg Phadebas	Neg Phadebas
2DXEW8	Neg Phadebas	Neg Phadebas
2E9DT3	Neg Phadebas	Neg Phadebas
2G3CGV	Neg ALS, RSID-Saliva	Neg ALS, RSID-Saliva
2MZD9A	Inc	NT
2XG239	Neg RSID-Saliva	Neg RSID-Saliva
2XNMU3	Neg Phadebas	Neg Phadebas
2YZYJE	Neg ALS, Phadebas	Neg ALS, Phadebas
2Z8A3B	Neg RSID Saliva	Neg RSID Saliva
326RBR	Neg Phadebas	Neg Phadebas
33C6PZ	Neg Amylase	Neg Amylase
33URY8	Neg RSID	Neg RSID
3MYWNW	Neg Amylase	Neg Amylase
47AUN8	Neg RSID	Neg RSID
48KVA7	Neg RSID, ALS	Neg RSID, ALS
4DU3ZB	Neg RSID Saliva	Neg RSID Saliva
4MG4FK	Neg Phadebas	Neg Phadebas
6PE24H	Neg Phadebas	Neg Phadebas
7WT7GA	Neg SALIgAE, RSID-Saliva	Neg SALIgAE, RSID-Saliva
8YZQAW	Neg Phadebas	Neg Phadebas
9UYQ8V	Neg Phadebas	Neg Phadebas
AFCAQ7	Neg Amylase	Neg Amylase
AJEAWB	Neg RSID	Neg RSID
AL8K4W	Neg Radial Diffusion Plate	Neg Radial Diffusion Plate
AP7XP2	Neg RSID	Neg RSID
AVLBAZ	Neg ALS, RSID	Neg ALS, RSID
BG4UZN	Neg RSID	Neg RSID
BH3YKC	Neg Phadebas	Neg Phadebas
CFQJQB	Neg Phaebas	Neg Phadebas
D7WMFT	Neg RSID	Neg RSID
DNGDFT	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
DZ7AE7	Neg RSID	Neg RSID
E8PV2H	Neg RSID Saliva	Neg RSID Saliva
EVULFU	Pos RSID	Pos RSID
EW3GTQ	Neg Radial Diffusion	Neg Radial Diffusion
FRCVP6	Neg RSID	Neg RSID
GCE6A8	Neg Phadebas	Neg Phadebas
HEDYAV	Neg ALS, Phadebas	Neg ALS, Phadebas
HHTGDY	Neg Amylase Diffusion	Neg Amylase Diffusion
HJQF3Y	Neg ALS, Phadebas	Neg ALS, Phadebas
HUUT2D	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
KTB7KN	Neg RSID	Neg RSID
KU4MPC	Neg Amylase Diffusion	Neg Amylase Diffusion
L9H7UD	Neg Amylase	Neg Amylase
M9CBQX	Neg RSID	Neg RSID
MMA9Y9	Neg RSID	Neg RSID
NHD9UC	Neg RSID	Neg RSID
NPWC2E	Neg RSID	Neg RSID
P93LGH	Neg RSID	Neg RSID
PHTPMJ	Neg ALS, SALIgAE	Neg ALS, SALIgAE
PTV3ZD	Neg ALS, Phadebas	Neg ALS, Phadebas
Q2LDMK	Neg RSID Saliva	Neg RSID Saliva
Q67RGU	Neg RSID	Neg RSID
QHNL7G	Neg RSID	Neg RSID
QU6VEH	Neg RSID	Neg RSID
RBMNPM	Neg RSID	Neg RSID
RDC386	Neg RSID	Neg RSID
T8CCVQ	Neg RSID	Neg RSID
T8KAE3	Neg Phadebas	Neg Phadebas
U4BNZ2	Neg RSID	Neg RSID
UA3PF9	Neg Phadebas	Neg Phadebas
UBUUQF	Neg ALS, RSID	Neg ALS, RSID
UEZ9ML	Neg ALS, Phadebas	Neg ALS, Phadebas
URMGE9	Neg Amylase	Neg Amylase
VBDG4A	Neg Phadebas	Neg Phadebas

TABLE 1c

WebCode	Saliva Screening Results	
	Item 3	Item 4
VDZN38	Neg Amylase	Neg Amylase
WFEVLB	Neg SALIgAE	Neg SALIgAE
WK9PJC	Neg RSID	Neg RSID
WT87HX	Neg Phadebas	Neg Phadebas
XAQK72	Neg Amylase	Neg Amylase
YVP6RX	Neg ALS, RSID Saliva	Neg ALS, RSID Saliva
YWFG23	Neg RSID-Saliva	Neg RSID-Saliva
YYKWMM	Neg Phadebas, SERATEC AMY	Neg Phadebas, SERATEC AMY

Table 1c: Serology Screening Response Summary - Saliva			Participants: 74
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	1	1	
Negative	72	72	
Inconclusive	1	0	

Serology Screening Results

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

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
26NKJ2	Pos Hexagon, PPX ESI	Pos Hexagon, PPX ESI
2BA3X3	Pos Quant Trio	Pos Quant Trio
2C2KXW	Pos HemaTrace	Pos HemaTrace
2DXEW8	Pos PowerQuant	Pos PowerQuant
2E9DT3	Pos Quant Trio	Pos Quant Trio
2MZD9A	Inc	NT
2PTWK9	Pos HemaTrace	Pos HemaTrace
2TPUKY	Pos RSID	Pos RSID
2XNMU3	Pos Quant Trio	Pos Quant Trio
2ZYJE	Pos Quantifiler Trio	Pos Quantifiler Trio
2Z8A3B	Pos Jus-Chek FOB Immunochromatographic Test	Pos Jus-Chek FOB Immunochromatographic Test
4DU3ZB	Pos Quant	Pos Quant
4JKF2X	Pos PowerQuant	Pos PowerQuant
4RQKP9	Pos HemaTrace	Pos HemaTrace
4W7RD9	Pos HemaTrace	Pos HemaTrace
67KBZB	Pos HemaTrace	Pos HemaTrace
6JPN7B	Pos Quant Trio	Pos Quant Trio
7LBF4Y	Pos RSID	Pos RSID
7Q7A4K	Pos HTR (HemaTrace)	NT
7RNA9V	Pos PowerQuant	Pos PowerQuant
7UQ8JN	Pos HemaTrace	Pos
83ZV2	Pos HemaTrace	Pos HemaTrace
848EHC	Pos Quant Trio	Pos Quant Trio
88TZN7	Pos HemaTrace	Pos HemaTrace
92JDYA	Pos Seratec HemDirect	Pos Seratec HemDirect
9UYQ8V	Pos Quant Trio	Pos Quant Trio
9YDNYL	Pos HemaTrace	Pos HemaTrace
AFCAQ7	Pos Hemdirect	Pos Hemdirect

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
ANNJ27	Pos PMB(P+)	Pos PMB(P+)
AZ2JXZ	Pos HemaTrace	NT
BRLAZ6	Pos QUANT TRIO	Pos QUANT TRIO
BUCET3	Pos HemaTrace	Pos HemaTrace
CBXGNW	Pos HemaTrace	Pos HemaTrace
CFPQQH	Pos PowerQuant	Pos PowerQuant
CQDFVH	Pos HemaTrace	Pos HemaTrace
CWVG3Z	Pos RSID-Blood	Pos RSID-Blood
CX9HXU	Pos HemaTrace	Pos HemaTrace
D9L3UV	Pos HemaTrace	Pos HemaTrace
DNGDFT	Pos Quantifiler Trio	Pos Quantifiler Trio
DNYCR7	Pos	Pos
DPXFCT	Pos HemaTrace	Pos HemaTrace
E8PV2H	Pos Real-time PCR, Investigator® Quantiplex Pro kit	Pos Real-time PCR, Investiigator® Quantiplex Pro kit
E8RHHW	Pos RT-PCR	Pos RT-PCR
EDB2LW	Pos HemaTrace	Pos HemaTrace
FCC6NL	Pos RSID	Pos RSID
FRBZAT	Pos HemaTrace	Pos HemaTrace
G337FW	Pos HemaTrace	Pos HemaTrace
GFF7CP	Pos HemaTrace	Pos HemaTrace
HHTGDY	Pos Quant Trio	Pos Quant Trio
HJQF3Y	Pos Quantifiler Trio	Pos Quantifiler Trio
HLD6EY	Pos HemaTrace	Pos HemaTrace
J9MYFZ	Pos HemaTrace	Pos HemaTrace
JDD9PY	Pos Seratec PMB	Pos Seratec PMB
JEUEEP	Pos HemaTrace	Pos HemaTrace
JHBLUC	Pos PowerQuant	Pos PowerQuant
JNDY9L	Pos RSID	Pos RSID
JXN2UL	Pos RSID	Pos RSID
K9JUFH	Pos RSID	Pos RSID

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
KRXWPP	Pos HemaTrace	Pos HemaTrace
KU4MPC	Pos HemaTrace	Pos HemaTrace
LGBHYR	Pos HemaTrace	Pos HemaTrace
LPQ2JQ	Pos HemaTrace	Pos HemaTrace
M46P8E	Pos PowerQuant	Pos PowerQuant
MANN6J	Pos HemaTrace	NT
MEVPAH	Pos RSID	Pos RSID
MMA9Y9	Pos PowerQuant	Pos PowerQuant
N8Y37N	Pos HemaTrace	Pos HemaTrace
NG4MBH	NT	Pos HemaTrace
NHD9UC	Pos ABACard HemaTrace	Pos ABACard HemaTrace
NJ66H7	Pos RSID-HT	
NPWC2E	Pos HemaTrace	Pos HemaTrace
P9K4NH	Pos HemaTrace	Pos HemaTrace
Q66VZH	Pos HemaTrace	Pos HemaTrace
QF44LL	Pos RSID Blood	NT
QYELQJ	Pos HemaTrace	Pos HemaTrace
RBMNPM	Pos Quant	Pos Quant
RDC386	Pos PowerQuant	Pos PowerQuant
RQY9ZZ	Pos HemaTrace	Pos HemaTrace
T38P9G	Pos HemaTrace	Pos HemaTrace
TJCWMH	Pos HemaTrace	Pos HemaTrace
U4BNZ2	Pos PowerQuant	Pos PowerQuant
U4D87C	Pos HemaTrace	Pos HemaTrace
U9AZV2	Pos PowerQuant	Pos PowerQuant
UEZ9ML	Pos Quantifiler Trio	Pos Quantifiler Trio
UMP3B4	Pos HemaTrace	Pos HemaTrace
UPUQUZ	Pos PowerQuant	Pos PowerQuant
V64Y7N	Pos HemaTrace	Pos HemaTrace
VAGJDA	Pos RSID	Pos RSID

TABLE 1d

WebCode	Human Origin Screening Results	
	Item 3	Item 4
VBDG4A	Pos Quant Trio	Pos Quant Trio
VC7YRB	Pos HemaTrace	Pos HemaTrace
VKG43G	Pos HemaTrace	Pos HemaTrace
VMPFKH	Pos HemaTrace	Pos HemaTrace
W7RPVY	Pos PowerQuant	Pos PowerQuant
W7UBRE	Pos HemaTrace	Pos HemaTrace
WF3YG7	Pos RSID	Pos RSID
WFEVLB	Pos HemaTrace	Pos HemaTrace
WPPX8C	Pos HemaTrace	NT
X3ULND	Pos HemaTrace	Pos HemaTrace
X7AUCC	Pos HemaTrace	Pos HemaTrace
XFE2QC	Pos HemaTrace	Pos HemaTrace
XJ2MJY	Pos HemaTrace	Pos HemaTrace
XJECMC	Pos HemaTrace	Pos HemaTrace
XYKM2H	Pos ABA HemaTrace	Pos ABA HemaTrace
Y2VPP3	Pos RSID	Pos RSID
Y6C4H3	Pos PowerQuant	Pos PowerQuant
YEN3DD	Pos HemaTrace	Pos HemaTrace
YLHVCC	Pos RSID-Blood	Pos RSID-Blood
YWFG23	Pos HemaTrace	Pos HemaTrace
YYKWMM	Pos HemDirect, Quant Trio	Pos HemDirect, Quant Trio
Z4TQ36	Pos RSID	Pos RSID
ZC8TQC	Pos RSID-Blood	Pos RSID-Blood
ZCMXNV	Pos HemaTrace	NT
ZDZ923	Pos PowerQuant	Pos PowerQuant
ZHUBVU	Pos HemaTrace	Pos HemaTrace
ZM9TCB	Pos HemaTrace	Pos HemaTrace
ZY4Y7A	Pos HemaTrace	Pos HemaTrace

Table 1d: Serology Screening Response Summary - Human OriginParticipants: **116**

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

	Item 3	Item 4
Positive	114	108
Negative	0	0
Inconclusive	1	0

Serology Screening Results

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

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
26NKJ2	Neg PPX ESI	Pos PPX ESI, Yfiler plus
2BA3X3	Neg Quant Trio	Pos Quant Trio
2DXEW8	Neg PowerQuant	Pos PowerQuant
2E9DT3	Neg Quant Trio	Pos Quant Trio
2GX9E4	NT	Pos Qiagen Quantiplex Pro
2MZD9A	Inc	NT
2TPUKY	Neg QF Trio	Pos QF Trio
2XNMU3	Neg Quant Trio	Pos Quant Trio
32JDKU	Neg Plexor HY	Pos Plexor HY
3ZQWF6	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
4DU3ZB	Neg Quant	Pos Quant
6JPN7B	Neg Quant Trio	Pos Quant Trio
7LBF4Y	Neg QF Trio	Pos QF Trio
7NJ9Y4	Neg Quantifiler Trio	Pos Quantifiler Trio
7UQ8JN	NT	NT HemaTrace
848EHC	Neg Quant Trio	Pos Quant Trio
8TAF3R	Neg Promega's Casework Direct Kit	Pos Promega's Casework Direct Kit
9UYQ8V	Neg Quant Trio	Pos Quant Trio
AFCAQ7	Neg QPCR	Pos QPCR
AJEAWB	Neg Y-Screening	Pos Y-Screening
APM38Y	Neg Quantifiler Trio	Pos Quantifiler Trio
BFA7PT	Neg TRIO	Pos TRIO
BRLAZ6	Neg QUANT TRIO	Pos QUANT TRIO
C8HRLM		Pos Promega Casework Direct
CBG3GM	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
DNGDFT	Neg Quantifiler Trio	Pos Quantifiler Trio
E8PV2H	Neg Y quantification, Real-time PCR, Investigator® Quantiplex Pro kit	Pos Y quantification, Real-time PCR, Investigator® Quantiplex Pro kit
EDXW2X	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
FCC6NL	Neg QF Trio	Pos QF Trio
FKABJT	Neg Quantifiler Trio	Pos Quantifiler Trio
FRCVP6	Neg	Pos
GFF7CP	NT	Pos PowerQuant
GG832J	Neg Plexor HY	Pos Plexor HY
GPGT4L	Neg TRIO	Pos TRIO
GT3TPP	Neg investigator quantiplex pro	Pos investigator quantiplex pro

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
JNDY9L	Neg QF Trio	Pos QF Trio
JXN2UL	Neg QF Trio	Pos QF Trio
K9JUFH	Neg QF Trio	Pos QF Trio
KAAF4K	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
KBNDPC	Neg Promega Casework Direct Kit	Pos Promega Casework Direct Kit
KRXWPP	Neg PowerQuant	Pos PowerQuant
LABQJN	Neg Quantifiler Trio	Pos Quantifiler Trio
LBNREH	Neg Trio	Pos Trio
LGBHYR	Neg Powerquant	Pos Powerquant
LNAGGL	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
LPQ2JQ	Neg PowerQuant	Pos PowerQuant
M2DQTG	Neg Quantifiler Trio	Pos Quantifiler Trio
M9CBQX	Neg Y-Screening	Pos Y-Screening
MANN6J	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
MEVPAH	Neg QF Trio	Pos QF Trio
N8Y37N	Neg PowerQuant	Pos PowerQuant
NG4MBH	Neg Investigator Quantiplex PRO	Pos Investigator Quantiplex PRO
P93LGH	NT	Pos
Q66VZH	Neg PowerQuant	Pos PowerQuant
Q67RGU	Neg	Pos
QH82WE	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
RBMNPM	Neg Quant	Pos Quant
TFF87B	Neg TRIO	Pos TRIO
TRM6ZD	NT	Pos Quantiplex Pro
TUCYUE	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
TWZY6B	Neg Trio	Pos Trio
TXCAPE	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
UY77RD	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro
VAGJDA	Neg Quantifiler Trio	Pos Quantifiler Trio
VB8VXZ	Neg Plexor HY	Pos Plexor HY
VBDG4A	Neg Quant Trio	Pos Quant Trio
VMPFKH	Neg PowerQuant	Pos PowerQuant
VYKUXE	Neg Quantifiler Trio	Pos Quantifiler Trio
WF3YG7	Neg QF Trio	Pos QF Trio
WRRVH6	Neg Quantifiler Trio	Pos Quantifiler Trio
X3ULND	Neg PowerQuant	Pos PowerQuant
XY8GX8	Neg Investigator Quantiplex Pro	Pos Investigator Quantiplex Pro

TABLE 1e

WebCode	Y Screening Results	
	Item 3	Item 4
Y2VPP3	Neg QF Trio	Pos QF Trio
Y4JH3B	Neg Quant Trio	Pos Quant Trio
Y4Y2M9	Neg Quant trio	Pos Quant Trio
YLZD66	Neg TRIO	Pos TRIO
YYKWMM	Neg Quant Trio	Pos Quant Trio
Z4TQ36	Neg QF Trio	Pos QF Trio
ZY4Y7A	Neg PowerQuant	Pos PowerQuant

Table 1e: Serology Screening Response Summary - Y Screening			Participants: 79
This summary table excludes the count of participants who did not report or reported "Not Tested" for Item 3 and/or Item 4. Therefore, participant total may not align with totals shown below.			
	Item 3	Item 4	
Positive	0	77	
Negative	72	0	
Inconclusive	1	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
2Z8A3B	AP	Neg Phosphatesmo	AP	Neg Phosphatesmo
7WT7GA		Neg RSID-Urine		Neg RSID-Urine
ANNJ27	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro	Urine, Feces	Neg DMAC/Creatinine, Urobilinogen/Micro
AZ2JXZ	ALS	Neg	ALS	Neg
EVULFU		Neg ALS		Neg ALS
JDD9PY	Menstrual Blood	Neg Seratec PMB	Menstrual Blood	Neg Seratec PMB
M9RLL4	Alternate light source	Neg ALS	Alternate light source	Neg ALS
Y7PLET	Visual Exam	Neg ALS	Visual Exam	Neg ALS
YJRFJB	Fluorescence	Neg ALS	Fluorescence	Neg ALS

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

24F88E	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
26NKJ2	GlobalFiler™ GlobalFiler IQC					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
28T2WJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2BA3X3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2C2KXW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2DXEW8	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

2E9DT3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2EQL67	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
2FKPHD	Investigator® 24plex GO! (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2GX9E4	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2MZD9A	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18	-	-	-		
2PTWK9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
2PUUV4	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

2TPUKY	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No Results			No Results	
2VGQ9T	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2WBEUA	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
2XG239	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2XNMU3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
2YZYJE	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No Results			No Results	
2Z8A3B	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

326RBR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
32JDKU	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
33C6PZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
33URY8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
39G34J	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
3B9BH8	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
3BMHMH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

3E9ME8	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
3KB9BV	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No results			No results	
3KBFEW	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
3MYWNW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
3NXZ9J	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
3RWC4J	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
3XFMCT	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

3ZQWF6	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
42PBXA	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
47AUN8	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	-	-	-	-	
47NHRJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
48KVA7	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
4BGKQD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
4DU3ZB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

4FEHGA	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
4J3UH2	PowerPlex® 21					
	15,16	18,25		15,17	11,14	11,11
1	10,11	10,15		17,20	12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
4JDHHL	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
4JKF2X	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
4MG4FK	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
4RQKP9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
4UXAX4	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

4W48HR	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
4W7RD9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
4XHR9G	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
638B4K	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
64GB9R	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	N/A
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	N/A	N/A	25.2,31.2	7,9.3	8,11
	16,18	N/A	N/A	N/A	N/A	
67KBZB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
68GVMB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	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 1 - STR Results

6B2JNB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
6EZWBZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
6JPN7B	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
6KMK4K	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
6PE24H	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
6R672V	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
6Y4TQA	Investigator® 24plex GO! (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

6Z6T4A	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
6ZFEEQ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
76TRKV	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
7A798U	GlobalFiler™ (STRmix v2.8)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
7BDTZ9	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
7E9FHB	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
7LBF4Y	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

7LUL3N	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
7M92KW	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
7MLHRH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
7NJ9Y4	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
7Q7A4K	Identifiler® Plus					
		18,25		15,17	11,14	
1	10,11	10,15			12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23				7,9.3	8,11
	16,18					
7RNA9V	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
7UQ8JN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	

TABLE 2

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

Item 1 - STR Results

7VJAZC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
7WB9EB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
7WT7GA	PowerPlex® Fusion, GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
7XCUCC	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
83ZV2	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
848EHC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
8726ZC	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

88C7LB	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
88TZN7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
8D3E4B	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NA			na	
8GGZW3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
8K42B4	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
8P8LZF	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
8TAF3R	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	INC	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

8VEC3L	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
8VGXZM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
8YZQAW	Investigator® 24plex					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NA				
92JDYA	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
93YLEP	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
948KMD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
9BNF48	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

9CFCT2	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
9GTWYM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
9KBEUC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
9MKUG4	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
9NAV87	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
9Q2RVZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
9R9737	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

9TMDNN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
9TRT2N	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
9UYQ8V	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
9WLRAR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
9YDNYL	Identifiler® Plus					
		18,25		15,17	11,14	
1	10,11	10,15			12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23				7,9.3	8,11
	16,18					
A2X6FX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
A74T38	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	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 1 - STR Results

A83EX6	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
AFCAQ7	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
AFV77D	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
AJEAWB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
AL8K4W	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
ANNJ27	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
AP7XP2	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

APM38Y	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ATK7XF	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
AVLBAZ	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	-
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	-	7,9.3	8,11
	16,18	-	-	-	-	
AXV866	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
AZ2JXZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
B4M2UW	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
B742NC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

B8K4KC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
BAG2K3	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
BFA7PT	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
BG4UZN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
BH3YKC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
BLAKY9	Verifiler Plus Kit					
	15,16	18,25	10,11	15,17	11,14	11,11
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
BLXNXP	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	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

BMEMK9	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
BRLAZ6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
BTHVG3	PowerPlex® 21					
	15,16	18,25		15,17	11,14	11,11
1	10,11	10,15		17,20	12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
BUCET3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
BV3MT6	Investigator® 24plex (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
BXU7MW	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
BY79Q4	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

BZFMPW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
C34A47	PowerPlex® 6C (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
C6N89M	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No Results			No Results	
C8HRLM	GlobalFiler™ Express (GFE)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NID			NID	
C9NJ6M	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no results			no results	
CBG3GM	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
CBXGNW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	

TABLE 2

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

Item 1 - STR Results

CCPDDQ	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
CDYM2G	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	NA
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	NA	NA	25.2,31.2	7,9.3	8,11
	16,18	NA	NA	NA	NA	
CEFLDT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	ND	ND	25.2,31.2	7,9.3	8,11
	16,18	ND	ND	ND	ND	
CFCVLQ	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
CFPQQH	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
CFQJQB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
CQDFVH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

CQPC2M	PowerPlex® 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
CQQYR9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
CTZM6Y	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
CWVG3Z	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
CX9HXU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
CXQHRJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
CZAJM6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no results			no results	

TABLE 2

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

Item 1 - STR Results

CZDBP8	PowerPlex® 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
CZZEMN	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
D2J3A8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
D3FERU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
D7WMFT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
D9L3UV	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DC64PH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

DDXYEC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
DJZ7RT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DNGDFT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DNYCR7	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
DPM6W9	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DPXFCT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DRYQXV	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

DTTAAU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
DVEXLU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
DXJQD9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
DZ7AE7	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	No Result				
DZBPR7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
E3CAUW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
E4M4K6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

E6KFHJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
E84GD6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
E8PV2H	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
E8RHHW	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	INC				
EAX2P6	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
EDB2LW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
EDXW2X	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

EMHMLJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no results			no results	
EP7PKW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	NT
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	NT	NT	25.2,31.2	7,9.3	8,11
	16,18	NR	NT	NT	NR	
EQ2VW6	PowerPlex® 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
EQ7FYR	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
EVULFU	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
EW3GTQ	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
F2YZGP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

F44JQJ	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
F6EDFR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
F6ZW97	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
F9RDDJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FCC6NL	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
FCGGAW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
FCVYBG	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

FFBJAP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FHNYTJ	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
FKABJT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FKLFT7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FNPE4Y	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
FPLVCF	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FRBZAT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

FRCVP6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
FRRTTU	GlobalFiler™ Express (STRmix)					
	15,16	18,25	10,11	15,17	11,14	NT
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	NT	NT	25.2,31.2	7,9.3	8,11
	16,18	NR	NT	NT	NR	
FXY8KR	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
FZKD73	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
G2TWEY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
G337FW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
GAKKX8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

GCE6A8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GFF7CP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GG832J	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
GHZ88C	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GJR3W6	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
GLZFBL	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
GMRCZF	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

GN8NQX	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
GPGT4L	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GRMJKV	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
GT3TPP	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GXAVKC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
GZMB3K	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
H24AHL	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

H3F43R	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
H8ULJA	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
H97DCQ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
HDMLZQ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
HEDYAV	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
HFMU6Z	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
HGXWQY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

HHTGDY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NA			NA	
HJQF3Y	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No Results			No Results	
HLD6EY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
HPJJ2J	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR				
HUUT2D	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
HYZ4XQ	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
HZGB7U	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

J9MYFZ	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	-	-	25.2,31.2	7,9.3	8,11
	16,18	-	-	-	-	
JADZLN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
JAUAC4	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
JCZU2P	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
JDD9PY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
JEUEEP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
JF6CFZ	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	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

JHBLUC	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
JJ8K4P	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
JNDY9L	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
JQJKY7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
JTBFNZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
JUPTEH	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
JX4A2G	GlobalFiler™ (STRmix v 2.8)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

JXN2UL	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no results			no results	
K3U482	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
K4F6QU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
K9JUFH	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
KA236Q	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
KAAF4K	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
KABQ6C	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

KG TABW	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
KG TLZR	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	NT
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	NT	NT	25.2,31.2	7,9.3	8,11
	16,18	NR	NT	NT	NR	
KJ LXVD	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
KJ ZE3Z	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
KR XWPP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
KT 3LTT	Identifiler® Plus (STRmix v 2.7)					
		18,25		15,17	11,14	
1	10,11	10,15			12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23				7,9.3	8,11
	16,18					
KT B7KN	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

KTPP6K	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
KU4MPC	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
KUZ6LL	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	ND	ND	25.2,31.2	7,9.3	8,11
	16,18	ND	ND	ND	ND	
KW8DYD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
KYHM3N	Investigator® 24plex GO!					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-				
KYX7LL	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
L2JJ6Y	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	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

L9H7UD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
L9H8PW	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
LABQJN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LBNREH	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LENQ24	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
LGBHYR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
LNAGGL	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

LPQ2JQ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	[7],9.3	8,11
	16,18	-			-	
LQWTZ7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LRA3DD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LRNNPZ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
LUYHRF	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
LVBBHM	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LVPU3K	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

LXWF8Q	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
LYC3Y2	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
LZ4X7M	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
M2DQTG	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
M46P8E	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
M9CBQX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
M9RLL4	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

M9U93H	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
MANN6J	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
MBYZUV	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
MCQY9U	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
MDLKVT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
MEVPAH	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
MFCL2G	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

MLJ8UK	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
MMA9Y9	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
MNKD76	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
MNMUGW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
MPJA4F	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
MUD7T7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
MXA4TX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

MZ2ZHR	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
N2HXXT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No result			No result	
N37XE7	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
N8Y37N	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
NBB99N	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
NF3D2T	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
NG4MBH	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

NHD9UC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
NJ66H7	Identifiler® Plus					
		18,25		15,17	11,14	
1	10,11	10,15			12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23				7,9.3	8,11
	16,18					
NKJRUT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
NMN7DR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
NPWC2E	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
NR47WJ	PowerPlex® 21					
	15,16	18,25		15,17	11,14	11,11
1	10,11	10,15		17,20	12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
NRVZ8N	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

NXBAND	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR				
NYJ7GG	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
P93LGH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
P9K4NH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
PGF7QT	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
PHTPMJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
PJ3U2T	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	-				

TABLE 2

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

Item 1 - STR Results

PLWEET	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
PM6V3Q	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
PNWRQK	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
PPB9R6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
PTACX7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
PTV3ZD	Investigator® 24plex					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	N/A				
PUPCUL	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

PYGUGR	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
PZULA9	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
Q2LDMK	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
Q2Z9J8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
Q3CCNH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
Q3WQEG	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
Q4N2Z9	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

Q66VZH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
Q92KGP	Investigator® 24plex GO!					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QC6TQM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
QD98WL	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QDEKDG	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QEMMEU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QF44LL	GlobalFiler™ Express (STRmix)					
	15,16	18,25	10,11	15,17	11,14	NT
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	NT	NT	25.2,31.2	7,9.3	8,11
	16,18	NR	NT	NT	NR	

TABLE 2

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

Item 1 - STR Results

QFZ774	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	NA
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	NA	NA	25.2,31.2	7,9.3	8,11
	16,18	NA	NA	NA	NA	
QH82WE	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QHLN7G	GlobalFiler™ (STRmix 2.8)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QJKZED	Investigator® 24plex					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR				
QLL4T7	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
QMHPF6	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QNQNT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

QPMEFT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QQDFLG	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QU6VEH	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-				
QW8DDT	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QWK2EK	Verifiler Plus					
	15,16	18,25	10,11	15,17	11,14	11
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
QWNULL	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
QXFPTA	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

QYELQJ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
QZ8N88	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
R2XX3U	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
R9H6HE	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	ND	ND	25.2,31.2	7,9.3	8,11
	16,18	ND	ND	ND	ND	
RB3YDU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
RBMNPM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
RDC386	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

RDPVKK	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
RH3GR7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
RLZVEV	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
RQY9ZZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
RXZE63	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
T26VDP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	NT
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	NT	NT	25.2,31.2	7,9.3	8,11
	16,18	NR	NT	NT	NR	
T8CCVQ	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

T8KAE3	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
TBJM89	PowerPlex® 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
TCWZWQ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
TEHX49	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
TFF87B	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
TFPBGN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no result			no result	
TG84V6	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

TJCWMH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
TRM6ZD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
TTEZP8	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	No result			No result	
TUCYUE	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
TW3N38	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18	NR	NR	NR		
TWZY6B	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
TXCAPE	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

TYRUU6	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
U3KMUD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
U4BNZ2	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
U4D87C	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
U4W48Q	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
U8YG7H	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
U9AZV2	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

UA3PF9	Investigator® 24plex					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	N/A				
UBUUQF	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
UC7NAM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
UEZ9ML	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	no results			no results	
UMP3B4	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
UPA2GL	PowerPlex® Fusion, MiniFiler					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18	NR				
UPF6JD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	

TABLE 2

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

Item 1 - STR Results

UPUQUZ	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
UQQ76C	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
UR32Q4	PowerPlex® Fusion 6C, GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18	NID	NID	NID		
URMGE9	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
UTJQGB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
UU9WHE	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
UY2AAP	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

UY77RD	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
UZETJM	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
V4PCUZ	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
V4UR82	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
V642VR	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
V64Y7N	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VAGJDA	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	

TABLE 2

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

Item 1 - STR Results

VAYT4P	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
VB8VXZ	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
VBDG4A	GlobalFiler™ (STRmix v2.10.0)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VBRCFN	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
VC7YRB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VDXX7A	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VDZN38	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

VFPWK9	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
VGJJYW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VKG43G	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VMPFKH	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
VQLZN2	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
VWATB2	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	NSD
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	NSD	NSD	25.2,31.2	7,9.3	8,11
	16,18	NSD	NSD	NSD	NSD	
VYKUXE	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

W3C3GU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
W6JKFP	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
W6W4CF	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
W7RPVY	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
W7UBRE	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
WF3YG7	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
WFEVLB	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

WFJYN3	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
WGUV7Z	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WHBX32	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WJDWZM	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
WJZUFE	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
WK9PJC	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WP9HTF	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

WPPX8C	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WRR62N	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WRRVH6	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
WT87HX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
WUKXCY	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
WZA672	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
X3ULND	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

X4KNHE	Investigator® 24plex QS (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
X7AUCC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
X888UY	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	N/A
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	N/A	N/A	25.2,31.2	7,9.3	8,11
	16,18	N/A	N/A	N/A	N/A	
X9EAB9	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
XAPNPN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XAQK72	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XFE2QC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

XJ2MJY	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XJECMC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XKRLXX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XNRXUX	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XTLUHN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
XY4FUF	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
XY8GX8	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

XYKM2H	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	-
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	-	-	25.2,31.2	7,9.3	8,11
	16,18	-	-	-	-	-
Y2VPP3	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
Y4JH3B	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
Y4Y2M9	PowerPlex® 21					
	15,16	18,25		15,17	11,14	11,11
1	10,11	10,15		17,20	12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
Y6ACH2	GlobalFiler™ (STRmix v. 2.8)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
Y6C4H3	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
Y7PLET	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

Y99MAF	GlobalFiler™ (STRmix)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YAAKVV	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YDLGED	VeriFiler Plus					
	15,16	18,25	10,11	15,17	11,14	11
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
YEN3DD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YFTWLJ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
YGKTBC	Verifiler Plus					
	15,16	18,25	10,11	15,17	11,14	11
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
YHJGQ9	PowerPlex® Fusion 6C Direct					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

YHMGXH	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
YJRFJB	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
YLHVCC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YLZD66	Investigator® 24plex QS					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YPJBX2	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
YRLEJW	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YWFG23	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

YYKWMM	Identifiler® Plus, GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
YZZ2BD	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NM			NM	
Z4FWPP	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
Z4TQ36	GlobalFiler™ Express					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	NR			NR	
ZC8TQC	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZCMXNV	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZDZ923	PowerPlex® Fusion 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

ZE7YHG	GlobalFiler™ (STRmix 2.4.06)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZEDW3U	Identifiler® Plus					
		18,25		15,17	11,14	
1	10,11	10,15			12,13	9,11
	13,21	13,15.2	27,29		X,X	11,11
	21,23				7,9.3	8,11
	16,18					
ZHUBVU	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
ZJ8UT7	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	ND			ND	
ZLFWMG	PowerPlex® 6C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12	25.2,31.2	7,9.3	8,11
	16,18					
ZM9TCB	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZR3WVG	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					

TABLE 2

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

Item 1 - STR Results

ZRLTA3	PowerPlex® Fusion					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					
ZWYAWZ	GlobalFiler™ (STRmix v2.8)					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZWYEFN	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23			25.2,31.2	7,9.3	8,11
	16,18					
ZY4Y7A	GlobalFiler™					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X,X	11,11
	21,23			25.2,31.2	7,9.3	8,11
	16,18	-			-	
ZZWVU4	PowerPlex® Fusion 5C					
	15,16	18,25	10,11	15,17	11,14	
1	10,11	10,15	13,16	17,20	12,13	9,11
	13,21	13,15.2	27,29	11,15	X	11
	21,23	9,11	7,12		7,9.3	8,11
	16,18					

TABLE 2

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

Item 2 - STR Results

24F88E	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
26NKJ2	PowerPlex® ESI 16 Fast					
		20,25		16	11	
2		15	15,16		19,22	9,11
	17,21	13,16	28,30	15,16	X,Y	
	21,22				8,9	
	14,16	19,22		15,16		
28T2WJ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2BA3X3	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
2C2KXW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
2DXEW8	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
2E9DT3	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

2EQL67	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2FKPHD	Investigator® 24plex GO! (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
2GX9E4	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2MZD9A	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8
	14,16	11	15	20		
2PTWK9	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
2PUUV4	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2TPUKY	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

2VGQ9T	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2WBEUA	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
2XG239	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2XNMU3	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
2YZYJE	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
2Z8A3B	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
326RBR	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

32JDKU	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
33C6PZ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
33URY8	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
39G34J	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
3B9BH8	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
3BMHMH	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
3E9ME8	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

3KB9BV	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
3KBFEW	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
3MYWNW	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
3NXZ9J	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
3RWC4J	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
3XFMCT	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
3ZQWF6	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

42PBXA	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
47AUN8	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11	-	-	-	
47NHRJ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
48KVA7	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11				
4BGKQD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
4DU3ZB	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
4FEHGA	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

4J3UH2	PowerPlex® 21					
	15,16	20,25		16,16	11,12	11,12
2	10,12	15,15		19,22	9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16					
4JDHHL	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
4JKF2X	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
4MG4FK	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
4RQKP9	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
4UXAX4	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
4W48HR	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	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

4W7RD9	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
4XHR9G	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
638B4K	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
64GB9R	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	N/A
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	N/A	N/A	15,16	8,9	8,8
	14,16	11	N/A	N/A	2	
67KBZB	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
68GVMB	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
6B2JNB	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

6EZWBZ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
6JPN7B	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
6KMK4K	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
6PE24H	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
6R672V	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
6Y4TQA	Investigator® 24plex GO! (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
6Z6T4A	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

6ZFEEQ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
76TRKV	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
7A798U	GlobalFiler™ (STRmix v2.8)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
7BDTZ9	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
7E9FHB	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
7LBF4Y	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
7LUL3N	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

7M92KW	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
7MLHRH	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
7NJ9Y4	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
7Q7A4K	Identifiler® Plus					
		20,25		16,16	11,12	
2	10,12	15,15			9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22				8,9	8,8
	14,16					
7RNA9V	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
7UQ8JN	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
7VJAZC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

7WB9EB	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
7WT7GA	PowerPlex® Fusion, GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11			2	
7XCUC	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
83ZV2	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
848EHC	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
8726ZC	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
88C7LB	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

88TZN7	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
8D3E4B	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
8GGZW3	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
8K42B4	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
8P8LZF	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
8TAF3R	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
8VEC3L	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

8VGXZM	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
8YZQAW	Investigator® 24plex					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11				
92JDYA	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
93YLEP	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
948KMD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9BNF48	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
9CFCT2	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

9GTWYM	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9KBEUC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9MKUG4	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9NAV87	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
9Q2RVZ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9R9737	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9TMDNN	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

9TRT2N	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
9UYQ8V	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
9WLRAR	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
9YDNYL	Identifiler® Plus					
		20,25		16,16	11,12	
2	10,12	15,15			9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22				8,9	8,8
	14,16					
A2X6FX	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
A74T38	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
A83EX6	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

AFCAQ7	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
AFV77D	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
AJEAWB	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
AL8K4W	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ANNJ27	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
AP7XP2	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
APM38Y	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

ATK7XF	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
AVLBAZ	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	-
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	-	8,9	8,8
	14,16	11	-	-	-	
AXV866	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
AZ2JXZ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
B4M2UW	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
B742NC	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
B8K4KC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

BAG2K3	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
BFA7PT	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
BG4UZN	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
BH3YKC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
BLAKY9	Verifiler Plus Kit					
	15,16	20,25	11,11	16,16	11,12	11,12
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16				2	
BLXNP	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
BMEMK9	PowerPlex® Fusion 6C (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

BRLAZ6	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
BTHVG3	PowerPlex® 21					
	15,16	20,25		16,16	11,12	11,12
2	10,12	15,15		19,22	9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16					
BUCET3	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
BV3MT6	Investigator® 24plex (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11				
BXU7MW	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
BY79Q4	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
BZFMPW	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

C34A47	PowerPlex® 6C (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
C6N89M	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
C8HRLM	GlobalFiler™ Express (GFE)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
C9NJ6M	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CBG3GM	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
CBXGNW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CCPDDQ	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

CDYM2G	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	NA
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	NA	NA	15,16	8,9	8,8
	14,16	11	NA	NA	2	
CEFLDT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	ND	ND	15,16	8,9	8
	14,16	11	ND	ND	2	
CFCVLQ	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
CFPQQH	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
CFQJQB	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
CQDFVH	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CQPC2M	PowerPlex® 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

CQQYR9	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
CTZM6Y	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
CWVG3Z	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
CX9HXU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CXQHRJ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CZAJM6	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
CZDBP8	PowerPlex® 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

CZZEMN	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
D2J3A8	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
D3FERU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
D7WMFT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
D9L3UV	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
DC64PH	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
DDXYEC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

DJZ7RT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
DNGDFT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
DNYCR7	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20	2	
DPM6W9	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
DPXFCT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
DRYQXV	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
DTTAAU	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

DVEXLU						
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
DXJQD9 GlobalFiler™						
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
DZ7AE7 PowerPlex® Fusion						
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
DZBPR7 GlobalFiler™						
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
E3CAUW GlobalFiler™						
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
E4M4K6 GlobalFiler™						
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
E6KFHJ GlobalFiler™						
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

E84GD6	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
E8PV2H	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20	2	
E8RHHW	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	INC				
EAX2P6	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
EDB2LW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
EDXW2X	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
EMHMLJ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

EP7PKW	GlobalFiler™					
	15,16	20,25	11	16	11,12	NT
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	NT	NT	15,16	8,9	8
	14,16	11	NT	NT	2	
EQ2VW6	PowerPlex® 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
EQ7FYR	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
EVULFU	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11				
EW3GTQ	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
F2YZGP	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
F44JQJ	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

F6EDFR	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
F6ZW97	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
F9RDDJ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
FCC6NL	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
FCGGAW	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
FCVYBG	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
FFBJAP	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

FHNYTJ	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
FKABJT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
FKLFT7	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
FNPE4Y	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
FPLVCF	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
FRBZAT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
FRCVP6	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

FRRTTU	GlobalFiler™ Express (STRmix)					
	15,16	20,25	11	16	11,12	NT
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	NT	NT	15,16	8,9	8
	14,16	11	NT	NT	2	
FXY8KR	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
FZKD73	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
G2TWEY	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
G337FW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
GAKX8	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
GCE6A8	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

GFF7CP	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
GG832J	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
GHZ88C	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
GJR3W6	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
GLZFBL	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
GMRCZF	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
GN8NQX	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

GPGT4L	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
GRMJKV	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
GT3TPP	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
GXAVKC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
GZMB3K	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
H24AHL	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
H3F43R	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

H8ULJA	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
H97DCQ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
HDMLZQ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
HEDYAV	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
HFMU6Z	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
HGXWQY	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
HHTGDY	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

HJQF3Y	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
HLD6EY	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
HPJJ2J	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
HUUT2D	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
HYZ4XQ	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
HZGB7U	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
J9MYFZ	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	-	-	15,16	8,9	8,8
	14,16	11	-	-	2	

TABLE 2

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

Item 2 - STR Results

JADZLN	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JAUAC4	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
JCZU2P	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
JDD9PY	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
JEUEEP	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JF6CFZ	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
JHBLUC	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	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

JJ8K4P	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JNDY9L	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JQJKY7	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JTBFNZ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
JUPTEH	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
JX4A2G	GlobalFiler™ (STRmix v2.8)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
JXN2UL	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

K3U482	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
K4F6QU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
K9JUFH	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
KA236Q	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
KAAF4K	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
KABQ6C	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
KG TABW	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

KGTLZR	GlobalFiler™ Express						
		15,16	20,25	11	16	11,12	NT
	2	10,12	15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10
		21,22	NT	NT	15,16	8,9	8
	14,16	11	NT	NT	2		
KJLXVD	PowerPlex® Fusion 5C						
		15,16	20,25	11	16	11,12	
	2	10,12	15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10
		21,22	13	8		8,9	8
	14,16	11					
KJZE3Z	GlobalFiler™						
		15,16	20,25	11,11	16,16	11,12	
	2	10,12	15,15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10,10
		21,22			15,16	8,9	8,8
	14,16	11			2		
KRXWPP	GlobalFiler™						
		15,16	20,25	11,11	16,16	11,12	
	2	10,12	15,15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10,10
		21,22			15,16	8,9	8,8
	14,16	11			2		
KT3LTT	Identifiler® Plus (STRmix v 2.7)						
			20,25		16,16	11,12	
	2	10,12	15,15			9,10	9,11
		17,21	13,16	28,30		X,Y	10,10
		21,22				8,9	8,8
	14,16						
KTB7KN	GlobalFiler™ (STRmix)						
		15,16	20,25	11	16	11,12	
	2	10,12	15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10
		21,22			15,16	8,9	8
	14,16	11			2		
KTPP6K	GlobalFiler™ (STRmix)						
		15,16	20,25	11,11	16,16	11,12	
	2	10,12	15,15	15,16	19,22	9,10	9,11
		17,21	13,16	28,30	15,16	X,Y	10,10
		21,22			15,16	8,9	8,8
	14,16	11			2		

TABLE 2

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

Item 2 - STR Results

KU4MPC	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
KUZ6LL	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	ND	ND	15,16	8,9	8
	14,16	11	ND	ND	2	
KW8DYD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
KYHM3N	Investigator® 24plex GO!					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
KYX7LL	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
L2JJ6Y	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
L9H7UD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

L9H8PW	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
LABQJN	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LBNREH	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
LENQ24	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LGBHYR	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
LNAGGL	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LPQ2JQ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

LQWTZ7	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LRA3DD	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
LRNNPZ	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
LUYHRF	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
LVBBHM	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LVPU3K	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
LXWF8Q	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

LYC3Y2	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
LZ4X7M	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
M2DQTG	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
M46P8E	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
M9CBQX	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
M9RLL4	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
M9U93H	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

MANN6J	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
MBYZUV	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
MCQY9U	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
MDLKVT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
MEVPAH	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
MFCL2G	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
MLJ8UK	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

MMA9Y9	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
MNKD76	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
MNMUGW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
MPJA4F	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
MUD7T7	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
MXA4TX	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
MZ2ZHR	PowerPlex® Fusion 6c					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	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

N2HXXT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
N37XE7	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
N8Y37N	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
NBB99N	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
NF3D2T	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
NG4MBH	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
NHD9UC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

NJ66H7	Identifiler® Plus					
		20,25		16,16	11,12	
2	10,12	15,15			9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22				8,9	8,8
	14,16					
NKJRUT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
NMN7DR	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
NPWC2E	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
NR47WJ	PowerPlex® 21					
	15,16	20,25		16,16	11,12	11,12
2	10,12	15,15		19,22	9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16					
NRVZ8N	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
NXBAND	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	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

NYJ7GG	GlobalFiler™					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22			15,16	8,9
	14,16	11			2	
P93LGH	GlobalFiler™					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22			15,16	8,9
	14,16	11			2	
P9K4NH	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12
	2	10,12	15,15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22			15,16	8,9
	14,16	11			2	
PGF7QT	PowerPlex® Fusion 6C					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22	13	8	15,16	8,9
	14,16	11	15	20		
PHTPMJ	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12
	2	10,12	15,15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22			15,16	8,9
	14,16	11			2	
PJ3U2T	PowerPlex® Fusion (TrueAllele)					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22	13	8		8,9
	14,16	11				
PLWEET	PowerPlex® Fusion 6C					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10
		17,21	13,16	28,30	15,16	X,Y
		21,22	13	8	15,16	8,9
	14,16	11	15	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

PM6V3Q	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
PNWRQK	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
PPB9R6	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
PTACX7	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
PTV3ZD	Investigator® 24plex					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11				
PUPCUL	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
PYGUGR	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	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

PZULA9	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
Q2LDMK	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Q2Z9J8	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
Q3CCNH	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Q3WQEG	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Q4N2Z9	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11				
Q66VZH	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

Q92KGP	Investigator® 24plex GO!					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
QC6TQM	GlobalFiler™					
	15,16	20,25	11	16	11,12	NT
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	NT	NT	15,16	8,9	8
	14,16	11	NT	NT	2	
QD98WL	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QDEKDG	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
QEMMEU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QF44LL	GlobalFiler™ Express (STRmix)					
	15,16	20,25	11	16	11,12	NT
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	NT	NT	15,16	8,9	8
	14,16	11	NT	NT	2	
QFZ774	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	NA
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	NA	NA	15,16	8,9	8,8
	14,16	11	NA	NA	2	

TABLE 2

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

Item 2 - STR Results

QH82WE	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
QHLN7G	GlobalFiler™ (STRmix 2.8)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
QJKZED	Investigator® 24plex					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
QLL4T7	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
QMHPF6	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QNQNNT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QPMEFT	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

QQDFLG	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QU6VEH	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
QW8DDT	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
QWK2EK	Verifiler Plus					
	15,16	20,25	11	16	11,12	11,12
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16				2	
QWNULL	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
QXFPTA	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
QYELQJ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

QZ8N88	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
R2XX3U	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
R9H6HE	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	ND	ND	15,16	8,9	8
	14,16	11	ND	ND	2	
RB3YDU	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
RBMNPM	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
RDC386	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
RDPVKK	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

RH3GR7	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
RLZVEV	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
RQY9ZZ	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
RXZE63	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
T26VDP	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	NT
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	NT	NT	15,16	8,9	8,8
	14,16	11	NT	NT	2	
T8CCVQ	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
T8KAE3	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

TBJM89	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
TCWZWQ	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
TEHX49	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
TFF87B	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
TFPBGN	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
TG84V6	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
TJCWMH	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

TRM6ZD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
TTEZP8	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
TUCYUE	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
TW3N38	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
TWZY6B	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
TXCAPE	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
TYRUU6	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

U3KMUD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
U4BNZ2	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
U4D87C	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
U4W48Q	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
U8YG7H	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
U9AZV2	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
UA3PF9	Investigator® 24plex					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	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

UBUUQF	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11				
UC7NAM	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
UEZ9ML	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
UMP3B4	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
UPA2GL	PowerPlex® Fusion, MiniFiler					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
UPF6JD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
UPUQUZ	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	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

UQQ76C	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
UR32Q4	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
URMGE9	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
UTJQGB	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
UU9WHE	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
UY2AAP	PowerPlex® Fusion					
	15,16	20,25	11	16	11	
2	12	15	15,16	19,22	9	9,11
	17,21	16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
UY7RD	GlobalFiler™ Express					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

UZETJM	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
V4PCUZ	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
V4UR82	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
V642VR	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
V64Y7N	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
VAGJDA	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VAYT4P	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

VB8VXZ	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
VBDG4A	GlobalFiler™ (STRmix v2.10.0)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VBRCFN	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
VC7YRB	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VDXX7A	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
VDZN38	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
VFPWK9	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

VGJJYW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VKG43G	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VMPFKH	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
VQLZN2	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
VWATB2	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	NSD
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	NSD	NSD	15,16	8,9	8,8
	14,16	11	NSD	NSD	2	
VYKUXE	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
W3C3GU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

W6JKFP	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
W6W4CF	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
W7RPVY	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
W7UBRE	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WF3YG7	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WFEVLB	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WFJYN3	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

WGUV7Z	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WHBX32	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
WJDWZM	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WJZUFE	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
WK9PJC	GlobalFiler™ (STRmix)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
WP9HTF	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
WPPX8C	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

WRR62N	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WRRVH6	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WT87HX	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
WUKXCY	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
WZA672	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
X3ULND	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
X4KNHE	Investigator® 24plex QS (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	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

X7AUCC	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
X888UY	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	N/A
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	N/A	N/A	15,16	8,9	8,8
	14,16	11	N/A	N/A	2	
X9EAB9	PowerPlex® Fusion 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
XAPNPN	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
XAQK72	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
XFE2QC	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
XJ2MJY	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

XJECMC	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12
	2	10,12	15,15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10,10
		21,22			15,16	8,9 8,8
	14,16	11			2	
XKRLXX	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12
	2	10,12	15,15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10,10
		21,22			15,16	8,9 8,8
	14,16	11			2	
XNRXUX	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12
	2	10,12	15,15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10,10
		21,22			15,16	8,9 8,8
	14,16	11			2	
XTLUHN	GlobalFiler™					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10
		21,22			15,16	8,9 8
	14,16	11			2	
XY4FUF	GlobalFiler™					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10
		21,22			15,16	8,9 8
	14,16	11			2	
XY8GX8	GlobalFiler™ Express					
		15,16	20,25	11	16	11,12
	2	10,12	15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10
		21,22			15,16	8,9 8
	14,16	11			2	
XYKM2H	GlobalFiler™					
		15,16	20,25	11,11	16,16	11,12 -
	2	10,12	15,15	15,16	19,22	9,10 9,11
		17,21	13,16	28,30	15,16	X,Y 10,10
		21,22	-	-	15,16	8,9 8,8
	14,16	11	-	-	2	

TABLE 2

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

Item 2 - STR Results

Y2VPP3	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
Y4JH3B	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Y4Y2M9	PowerPlex® 21					
	15,16	20,25		16,16	11,12	11,12
2	10,12	15,15		19,22	9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16					
Y6ACH2	GlobalFiler™ (STRmix v. 2.8)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Y6C4H3	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
Y7PLET	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
Y99MAF	GlobalFiler™ (STRmix)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

YAAKVV	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
YDLGED	VeriFiler Plus					
	15,16	20,25	11	16	11,12	11,12
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16				2	
YEN3DD	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
YFTWLJ	PowerPlex® Fusion (TrueAllele)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
YGKTBC	VeriFiler Plus					
	15,16	20,25	11	16	11,12	11,12
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16				2	
YHJGQ9	PowerPlex® Fusion 6C Direct					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
YHMGXH	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	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

YJRFJB	PowerPlex® Fusion 5C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8		8,9	8,8
	14,16	11				
YLVCC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
YLZD66	Investigator® 24plex QS					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11				
YPJBX2	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	11				
YRLEJW	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
YWFG23	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
YYKWMM	Identifiler® Plus, GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

YZZ2BD	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Z4FWPP	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
Z4TQ36	GlobalFiler™ Express					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZC8TQC	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
ZCMXNV	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZDZ923	PowerPlex® Fusion 6C					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22	13,13	8,8	15,16	8,9	8,8
	14,16	11	15	20		
ZE7YHG	GlobalFiler™ (STRmix 2.4.06)					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	

TABLE 2

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

Item 2 - STR Results

ZEDW3U	Identifiler® Plus					
		20,25		16,16	11,12	
2	10,12	15,15			9,10	9,11
	17,21	13,16	28,30		X,Y	10,10
	21,22				8,9	8,8
	14,16					
ZHUBVU	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZJ8UT7	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
ZLFWMG	PowerPlex® 6C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8	15,16	8,9	8
	14,16	11	15	20		
ZM9TCB	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZR3WVG	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZRLTA3	PowerPlex® Fusion					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

ZWYAWZ	GlobalFiler™ (STRmix v2.8)					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
ZWYEFN	GlobalFiler™					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22			15,16	8,9	8
	14,16	11			2	
ZY4Y7A	GlobalFiler™					
	15,16	20,25	11,11	16,16	11,12	
2	10,12	15,15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10,10
	21,22			15,16	8,9	8,8
	14,16	11			2	
ZZWVU4	PowerPlex® Fusion 5C					
	15,16	20,25	11	16	11,12	
2	10,12	15	15,16	19,22	9,10	9,11
	17,21	13,16	28,30	15,16	X,Y	10
	21,22	13	8		8,9	8
	14,16	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

24F88E	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
26NKJ2	PowerPlex® ESI 16 Fast					
		17,24		16,18	11,15	
3		11,14	12,15		17,21	9,13
	14,17	13,14	29,31.2	11,16	X	
	18,25				7,9	
	15,16	17,21		16,16.3		
28T2WJ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2BA3X3	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
2C2KXW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2DXEW8	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
2E9DT3	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

2EQL67	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
2FKPHD	Investigator® 24plex QS					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2GX9E4	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2MZD9A	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	-	-	-		
2PTWK9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
2PUUV4	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2TPUKY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

2VGQ9T	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2WBEUA	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
2XG239	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
2XNMU3	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
2ZYJE	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No Results			No Results	
2Z8A3B	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
326RBR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

32JDKU	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
33C6PZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
33URY8	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,12,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30.2,31.2	11,15,16,17	X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29.2	6,7,8,9	8,11
	14,15,16					
39G34J	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
3B9BH8	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
3BMHMH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
3E9ME8	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

3KB9BV	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No results			No results	
3KBFEW	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
3MYWNW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
3NXZ9J	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
3RWC4J	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
3XFMCT	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
3ZQWF6	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

42PBXA	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
47AUN8	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	-	-	-	-	
47NHRJ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
48KVA7	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
4BGKQD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
4DU3ZB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
4FEHGA	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

4J3UH2	PowerPlex® 21 (STRmix)					
	16,16.3	17,24		16,18	12,12	15,19
3	8,10	11,14		17,21	11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
4JDHHL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
4JKF2X	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
4MG4FK	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
4RQKP9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
4UXAX4	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
4W48HR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

4W7RD9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
4XHR9G	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
638B4K	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
64GB9R	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	N/A
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	N/A	N/A	16,29.2	7,9	8,11
	15,16	N/A	N/A	N/A	N/A	
67KBZB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
68GVMB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
6B2JNB	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	10,11,12,15,16,17	X,X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2	6,7,8,9	8,10,11
	14,15,16					

TABLE 2

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

Item 3 - STR Results

6EZWBZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
6JPN7B	GlobalFiler™ (STRmix v. 2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
6KMK4K	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
6PE24H	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
6R672V	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
6Y4TQA	Investigator® 24plex QS (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
6Z6T4A	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

6ZFEEQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
76TRKV	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
7A798U	GlobalFiler™ (STRmix v2.8)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
7BDTZ9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
7E9FHB	PowerPlex® Fusion, MiniFiler					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
7LBF4Y	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
7LUL3N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

7M92KW	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
7MLHRH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
7NJ9Y4	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
7Q7A4K	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
7RNA9V	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
7UQ8JN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
7VJAZC	PowerPlex® Fusion 5C (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

7WB9EB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
7WT7GA	PowerPlex® Fusion, GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
7XCUC	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
83ZV2	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
848EHC	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
8726ZC	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
88C7LB	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

88TZN7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
8D3E4B	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,Y	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NA			NA	
8GGZW3	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
8K42B4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
8P8LZF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
8TAF3R	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NID	NID	NID		
8VEC3L	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

8VGXZM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
8YZQAW	Investigator® 24plex (STRMix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NA				
92JDYA	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
93YLEP	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
948KMD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
9BNF48	GlobalFiler™ (STRmix)					
	15,15.3,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11,12	8,9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	10,11,15,16,17	X,X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2	6,7,8,9	8,10,11
	14,15,16					
9CFCT2	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

9GTWYM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
9KBEUC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
9MKUG4	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
9NAV87	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	10,11,12,15,16,17	X,X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2	6,7,8,9	8,10,11
	14,15,16					
9Q2RVZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
9R9737	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
9TMDNN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

9TRT2N	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
9UYQ8V	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
9WLRAR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
9YDNYL	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
A2X6FX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
A74T38	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
A83EX6	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

AFCAQ7	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
AFV77D	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
AJEAWB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
AL8K4W	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
ANNJ27	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
AP7XP2	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	10,11,15,16,17	X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2,30.2	7,8,9	8,10,11
	14,15,16					
APM38Y	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

ATK7XF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
AVLBAZ	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	-
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	-	7,9	8,11
	15,16	-	-	-	-	
AXV866	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
AZ2JXZ	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
B4M2UW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
B742NC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16				2	
B8K4KC	PowerPlex® Fusion 5C (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

BAG2K3	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
BFA7PT	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
BG4UZN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
BH3YKC	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
BLAKY9	Verifiler Plus Kit					
	16,16.3	17,24	11,15	16,18	12,12	15,19
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
BLXNP	Investigator® 24plex					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR				
BMEMK9	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

BRLAZ6	GlobalFiler™ (STRmix V.2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
BTHVG3	PowerPlex® 21					
	16,16.3	17,24		16,18	12,12	15,19
3	8,10	11,14		17,21	11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
BUCET3	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
BV3MT6	Investigator® 24plex (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
BXU7MW	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
BY79Q4	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
BZFMPW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

C34A47	PowerPlex® 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
C6N89M	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No Results			No Results	
C8HRLM	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NID	NID	NID		
C9NJ6M	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no results			no results	
CBG3GM	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NID	NID	NID		
CBXGNW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
CCPDDQ	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

CDYM2G	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	NA
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	NA	NA	16,29.2	7,9	8,11
	15,16	NA	NA	NA	NA	
CEFLDT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	ND	ND	16,29.2	7,9	8,11
	15,16	ND	ND	ND	ND	
CFCVLQ	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NR	NR	NR		
CFPQQH	PowerPlex® Fusion 6C (STRmix v2.8)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
CFQJQB	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
CQDFVH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
CQPC2M	PowerPlex® 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

CQQYR9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
CTZM6Y	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
CWVG3Z	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
CX9HXU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
CXQHRJ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
CZAJM6	GlobalFiler™ (STRmix v. 2.4.06)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no results			no results	
CZDBP8	PowerPlex® 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

CZZEMN	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
D2J3A8	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
D3FERU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
D7WMFT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
D9L3UV	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DC64PH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DDXYEC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

DJZ7RT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DNGDFT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DNYCR7	PowerPlex® Fusion 6C, GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
DPM6W9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DPXFCT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
DRYQXV	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
DTTAAU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

DVEXLU						
3	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
DXJQD9 GlobalFiler™						
3	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
DZ7AE7 Identifiler® Plus						
3		17,24		16,18	12	
	8,10	11,14			11	9,13
	14,17	13,14	29,31.2		X	10,12
	18,25				7,9	8,11
	15,16					
DZBPR7 GlobalFiler™						
3	16,16.3	17,24	11,15	16,18	12,12	
	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
E3CAUW GlobalFiler™						
3	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
E4M4K6 GlobalFiler™ (STRmix)						
3	16,16.3	17,24	11,15	16,18	12,12	
	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
E6KFHJ GlobalFiler™ (STRmix)						
3	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

E84GD6	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
E8PV2H	PowerPlex® Fusion 6C, GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
E8RHHW	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	INC				
EAX2P6	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
EDB2LW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
EDXW2X	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
EMHMLJ	GlobalFiler™ (STRmix v2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no results			no results	

TABLE 2

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

Item 3 - STR Results

EP7PKW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	NT
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
EQ2VW6	PowerPlex® 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
EQ7FYR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
EVULFU	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
EW3GTQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
F2YZGP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
F44JQJ	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

F6EDFR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
F6ZW97	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
F9RDDJ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
FCC6NL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
FCGGAW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
FCVYBG	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
FFBJAP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

FHNYTJ	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
FKABJT	GlobalFiler™ (STRmix 2.9.1)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
FKLFT7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
FNPE4Y	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
FPLVCF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
FRBZAT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
FRCVP6	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

FRRTTU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	NT
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
FXY8KR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
FZKD73	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
G2TWEY	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
G337FW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
GAKX8	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
GCE6A8	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

GFF7CP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GG832J	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
GHZ88C	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GJR3W6	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
GLZFBL	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
GMRCZF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GN8NQX	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

GPGT4L	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GRMJKV	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
GT3TPP	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GXAVKC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
GZMB3K	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
H24AHL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
H3F43R	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	-	-	-		

TABLE 2

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

Item 3 - STR Results

H8ULJA	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
H97DCQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
HDMLZQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
HEDYAV	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
HFMU6Z	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
HGXWQY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
HHTGDY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NA			NA	

TABLE 2

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

Item 3 - STR Results

HJQF3Y	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No Results			No Results	
HLD6EY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
HYZ4XQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
HZGB7U	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
J9MYFZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	-	-	16,29.2	7,9	8,11
	15,16	-	-	-	-	
JADZLN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JAUAC4	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

JCZU2P	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
JDD9PY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JEUEEP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JF6CFZ	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
JHBLUC	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
JJ8K4P	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JNDY9L	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

JQJKY7	GlobalFiler™					
	16,16.3	17,24	11,[15]	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
JTBFNZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JUPTFH	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
JX4A2G	GlobalFiler™ (STRmix v2.8)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
JXN2UL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no results			no results	
K3U482	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
K4F6QU	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

K9JUFH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
KA236Q	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
KA4F4K	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
KABQ6C	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
KG TABW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
KGTLZR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	NT
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
KJLXVD	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

KJZE3Z	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
KRXWPP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
KT3LTT	Identifiler® Plus (STRmix v 2.7)					
		17,24		16,17*,18	11*,12	
3	8,10	10*,11,13*,14			10*,11	9,13
	14,17	13,14	28*,29,30.2*,31.2		X	10,12
	18,25				7,9	8,11
	15,16					
KTB7KN	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	9,12,13
	13,14,16,17	12,13,14	28,29,30.2,31.2	11,15,16,17	X	9,10,11,12
	17,18,24,25			15,16,28.2,29.2	7,9	8,11
	14,15,16					
KTPP6K	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
KU4MPC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
KUZ6LL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	ND	ND	16,29.2	7,9	8,11
	15,16	ND	ND	ND	ND	

TABLE 2

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

Item 3 - STR Results

KW8DYD	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
15,16						
KYHM3N	Investigator® 24plex QS					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
15,16						
KYY7LL	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
15,16						
L9H7UD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
15,16						
L9H8PW	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
15,16						
LABQJN	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
15,16						
LBNREH	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
15,16						

TABLE 2

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

Item 3 - STR Results

LENQ24	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
LGBHYR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
LNAGGL	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
LPQ2JQ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
LQWTZ7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
LRA3DD	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
LRNNPZ	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

LUYHRF	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
LVBBHM	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
LVPU3K	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
LXWF8Q	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
LYC3Y2	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
LZ4X7M	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
M2DQTG	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

M46P8E	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
M9CBQX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
M9RLL4	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
M9U93H	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
MANN6J	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
MBYZUV	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
MCQY9U	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

MDLKVT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
MEVPAH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
MFCL2G	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
MLJ8UK	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
MMA9Y9	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
MNKD76	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
MNMUGW	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

MPJA4F	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
MXA4TX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
MZ2ZHR	PowerPlex® Fusion 6c					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
N2HXXT	GlobalFiler™ (STRmix V2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No result			No result	
N37XE7	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
N8Y37N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
NBB99N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

NF3D2T	PowerPlex® Fusion, MiniFiler					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
NG4MBH	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
NHD9UC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
NJ66H7	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
NKJRUT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
NMN7DR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
NPWC2E	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

NR47WJ	PowerPlex® 21 (STRmix v2.10)					
	16,16.3	17,24		16,18	12,12	15,19
3	8,10	11,14		17,21	11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
NRVZ8N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
NXBAND	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
NYJ7GG	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
P93LGH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
P9K4NH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
PGF7QT	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

PHTPMJ	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
PJ3U2T	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	-				
PLWEET	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
PM6V3Q	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	10,11,15,16,17	X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2	6,7,8,9	8,11
	14,15,16					
PNWRQK	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
PPB9R6	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
PTACX7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

PUPCUL	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
PYGUGR	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
PZULA9	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
Q2LDMK	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30,2,31.2	11,15,16,17	X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29,29.2	7,9	8,10,11
	14,15,16					
Q2Z9J8	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	XX	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
Q3CCNH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
Q3WQEG	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

Q4N2Z9	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
Q66VZH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
Q92KGP	Investigator® 24plex QS					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QC6TQM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	NT
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
QD98WL	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QDEKDG	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QEMMEU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

QF44LL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	NT
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
QFZ774	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	NA
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	NA	NA	16,29.2	7,9	8,11
	15,16	NA	NA	NA	NA	
QH82WE	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QHLN7G	GlobalFiler™ (STRmix 2.8)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,13,14	11,12,14,15	16,17,20,21	10,11	9,12,13
	13,14,16,17	12,13,14	28,29,30.2,31.2	11,15,16,17	X	9,10,11,12
	17,18,24,25			15,15.2,16,28.2,29.2	7,9	8,11
	14,15,16					
QJKZED	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
QLL4T7	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
QMHPF6	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

QNNQNT	GlobalFiler™ (STRmix)					
	15,16,16.3	16,17,23,24	10,11,14,15	15,16,17,18	11,12	
3	7,8,9,10	10,11,12,13,14	11,12,14,15	16,17,20,21	10,11	8,9,12,13
	13,14,16,17	12,13,14	28,29,30.2,31.2	10,11,15,16,17	X,X	9,10,11,12
	17,18,24,25			15,16,28.2,29.2	6,7,8,9	8,10,11
	14,15,16	NR			NR	
QPMEFT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QQDFLG	GlobalFiler™ (STRmix v2.5.11)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QU6VEH	Investigator® 24plex QS					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-				
QW8DDT	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QWK2EK	Verifiler Plus					
	16,16.3	17,24	11,15	16,18	12	15,19
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
QWNULL	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

QXFPTA	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QYELQJ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
QZ8N88	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
R2XX3U	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
R9H6HE	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	ND	ND	16,29.2	7,9	8,11
	15,16	ND	ND	ND	ND	
RB3YDU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
RBMNPM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

RDC386	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
RDPVKK	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
RH3GR7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
RLZVEV	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
RQY9ZZ	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
T26VDP	GlobalFiler™ (STRmix V2.4.06)					
	16,16.3	17,24	11,15	16,18	12,12	NT
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	NT	NT	16,29.2	7,9	8,11
	15,16	NR	NT	NT	NR	
T8CCVQ	Identifiler® Plus					
		17,24		16,18	12	
3	8,10	11,14			11	9,13
	14,17	13,14	29,31.2		X	10,12
	18,25				7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

T8KAE3	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
TBJM89	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
TCWZWQ	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
TEHX49	Investigator® 24plex					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR				
TFF87B	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
TFPBGN	GlobalFiler™ (STRmix 2.4.06)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no result			no result	
TG84V6	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

TJCWMH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
TRM6ZD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
TTEZP8	GlobalFiler™ (STRmix 2.4)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	No result			No result	
TUCYUE	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
TW3N38	Investigator® 24plex QS					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR				
TWZY6B	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
TXCAPE	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

TYRUU6	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
U3KMUD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
U4BNZ2	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
U4D87C	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
U4W48Q	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
U8YG7H	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
U9AZV2	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

UA3PF9	Investigator® 24plex (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	N/A				
UBUUQF	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
UC7NAM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
UEZ9ML	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	no results			no results	
UMP3B4	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
UPA2GL	PowerPlex® Fusion, MiniFiler					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
UPF6JD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	

TABLE 2

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

Item 3 - STR Results

UPUQUZ	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
UQQ76C	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
UR32Q4	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16	NID	NID	NID		
URMGE9	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
UTJQGB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
UU9WHE	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
UY2AAP	Identifiler® Plus					
		17,24		16,18	12	
3	8,10	11,14			11	9,13
	14,17	13,14	29,31.2		X	10,12
	18,25				7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

UY77RD	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
UZETJM	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
V4PCUZ	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
V4UR82	PowerPlex® Fusion 6C (STRmix 2.8)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
V642VR	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
V64Y7N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
VAGJDA	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	

TABLE 2

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

Item 3 - STR Results

VAYT4P	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
VB8VXZ	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
VBDG4A	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
VBRCFN	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
VC7YRB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
VDXX7A	GlobalFiler™					
	16,18	15,16	9,13	10,12	8,11	
3	X	11,14	29,31.2	14,17		11,15
	13,14	7,9	18,25	11,16	12	11
	8,10	16,29.2	12,15	16,16.3	17,21	17,24
VDZN38	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

VFPWK9	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
VGJJYW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
VKG43G	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
VMPFKH	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
VQLZN2	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
VWATB2	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	NSD
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	NSD	NSD	16,29.2	7,9	8,11
	15,16	NSD	NSD	NSD	NSD	
VYKUXE	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

W3C3GU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
W6JKFP	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
W6W4CF	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
W7RPVY	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
W7UBRE	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
WF3YG7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
WFEVLB	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

WFJYN3	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
WGUV7Z	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WHBX32	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WJDWZM	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
WJZUFE	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
WK9PJC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WP9HTF	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

WPPX8C	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WRR62N	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WRRVH6	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
WT87HX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
WUKXCY	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
WZA672	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
X3ULND	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

X4KNHE	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
X7AUCC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
X888UY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	N/A
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	N/A	N/A	16,29.2	7,9	8,11
	15,16	N/A	N/A	N/A	N/A	
X9EAB9	PowerPlex® Fusion 6C (STRMIX)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
XAPNPN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XAQK72	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XFE2QC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

XJ2MJY	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XJECMC	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XKRLXX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XNRXUX	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XTLUHN	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
XY4FUF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
XY8GX8	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

XYKM2H	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	-
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	-	-	16,29.2	7,9	8,11
	15,16	-	-	-	-	-
Y2VPP3	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
Y4JH3B	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
Y4Y2M9	PowerPlex® 21					
	16,16.3	17,24		16,18	12,12	15,19
3	8,10	11,14		17,21	11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
Y6ACH2	GlobalFiler™ (STRmix v 2.8)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
Y6C4H3	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
Y7PLET	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

Y99MAF	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YAAKVV	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YDLGED	VeriFiler Plus					
	16,16.3	17,24	11,15	16,18	12	15,19
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
YEN3DD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YFTWLJ	PowerPlex® Fusion (TrueAllele)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
YGKTBC	Verifiler Plus					
	16,16.3	17,24	11,15	16,18	12	15,19
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
YHJGQ9	PowerPlex® Fusion 6C (STRMix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

YHMGXH	PowerPlex® Fusion 6C (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
YJRFJB	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
YLHVCC	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YLZD66	Investigator® 24plex QS (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YPJBX2	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
YRLEJW	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YWFG23	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

YYKWMM	Identifiler® Plus, GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
YZZ2BD	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NM			NM	
Z4FWPP	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
Z4TQ36	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	NR			NR	
ZC8TQC	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
ZCMXNV	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
ZDZ923	PowerPlex® Fusion 6C					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

ZE7YHG	GlobalFiler™ (STRmix 2.4.06)					
	13,16,16.3	16,17,23,24	10,11,12,14,15,16	15,16,17,18	11,12,13	
3	7,8,9,10	9,10,11,12,13,14,15	11,12,13,14,15	16,17,18,20,21	9,10,11,12	8,9,11,12,13,14
	13,14,15,16,17,18	12,13,14	28,29,30,2,31.2	10,11,12,14,15,16,17	X,X	9,10,11,12,13
	17,18,23,24,25,26			16,19,29.2	6,7,8,9	7,8,10,11
	14,15,16					
ZEDW3U	Identifiler® Plus					
		17,24		16,18	12,12	
3	8,10	11,14			11,11	9,13
	14,17	13,14	29,31.2		X,X	10,12
	18,25				7,9	8,11
	15,16					
ZHUBVU	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
ZJ8UT7	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	ND			ND	
ZLFWMG	PowerPlex® 6C (STRMix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12	16,29.2	7,9	8,11
	15,16					
ZM9TCB	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
ZR3WVG	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					

TABLE 2

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

Item 3 - STR Results

ZRLTA3	PowerPlex® Fusion					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					
ZWYAWZ	GlobalFiler™ (STRmix v2.8)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
ZWYEFN	GlobalFiler™ (STRmix)					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
ZY4Y7A	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	-			-	
ZZWVU4	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16					

TABLE 2

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

Item 3e - STR Results

HPJJ2J	PowerPlex® Fusion (5C)					
	16,16.3	17,24	11,15	16,18	12	
3e	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
HUUT2D	GlobalFiler™					
	16,16.3	17,24	11,15	16,18	12,12	
3e	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16					
L2JJ6Y	PowerPlex® Fusion 5C					
	16,16.3	17,24	11,15	16,18	12	
3e	8,10	11,14	12,15	17,21	11	9,13
	14,17	13,14	29,31.2	11,16	X	10,12
	18,25	9,13	7,12		7,9	8,11
	15,16	NR				
PTV3ZD	Investigator® 24plex (STRmix)					
	16,16.3	17,24	11,15	16,18	12,12	
3e	8,10	11,14	12,15	17,21	11,11	9,13
	14,17	13,14	29,31.2	11,16	X,X	10,12
	18,25			16,29.2	7,9	8,11
	15,16	N/A				

TABLE 2

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

Item 3sp - STR Results

HPJJ2J	PowerPlex® Fusion (5C)					
	16,16.3	17	NR	18	NR	
3sp	8	14	12	NR	NR	9,13
	14,17	14	NR	NR	X	10,12
	NR	9	NR		7	NR
	15	NR				

HUUT2D	GlobalFiler™					
3sp						

L2JJ6Y	PowerPlex® Fusion 5C					
3sp						

PTV3ZD	Investigator® 24plex (STRmix)					
3sp						

TABLE 2

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

Item 4 - STR Results

24F88E	PowerPlex® Fusion 6C (STRMix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
26NKJ2	PowerPlex® ESI 16 Fast					
		18,20,25		15,16,17	10,11	
4		10,15	13,15,16		17,19,20,22	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	
	21,22,23				7,8,9,9.3	
	14,16,18	17,19,20,22		15,16		
28T2WJ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2BA3X3	Identifiler® Plus (STRmix v.2.10.0)					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
2C2KXW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2DXEW8	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
2E9DT3	Identifiler® Plus (STRmix 2.10)					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					

TABLE 2

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

Item 4 - STR Results

2EQL67	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2FKPHD	Investigator® 24plex QS (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
2MZD9A	PowerPlex® Fusion 6C (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
2PTWK9	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2PUUV4	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2TPUKY	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2VGQ9T	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

2WBEUA	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
2XG239	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2XNMU3	Identifiler® Plus (STRmix v2.10.0)					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
2YZYJE	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
2Z8A3B	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
326RBR	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
32JDKU	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

33C6PZ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
33URY8	GlobalFiler™ (STRmix)					
	14,14.2,15,16	17,18,19,20,24,25	9,10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	17,18,19,20,21,22	9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,14.2,15,16,24.2,25.2,30.2,31.2	7,8,9,9.3	8,11
	14,15,16,17,18	10,11			2	
39G34J	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3B9BH8	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3BMHMH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3E9ME8	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3KB9BV	GlobalFiler™ (STRmix 2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

3KBEFW	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
3MYWNW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3NXZ9J	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3RWC4J	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
3XFMCT	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
3ZQWF6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
42PBXA	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

47AUN8	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11	-	-	-	
47NHRJ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
48KVA7	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
4BGKQD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
4DU3ZB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
4FEHGA	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
4J3UH2	PowerPlex® 21 (STRmix)					
	15,16 [16,0]	18,25 [20,0]		15,[16,16],17	11,[11,12],14	11,11 [11,12]
4	10,11 [12,0]	10,15 [15,15]		17,[19],20,[22]	[9,10],12,13	9,11 [11,0]
	13,[17,21],21	13,[13],15.2,[16]	27,[28],29,[30]		X,X,[X,Y]	11,11 [10,10]
	21,23 [22,0]	9,11,[13,13]	7,12 [8,0]		7,[8,9],9.3	8,11 [8,0]
	16,18 [14,0]					

TABLE 2

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

4JDHHL	GlobalFiler™					
	15,16	(18),(20),25	(10),11	15,16,(17)	11,(12),(14)	
4	10,(11),(12)	(10),15	(13),15,16	17,19,20,22	9,(10),12,13	9,11
	13,(17),21	13,(15.2),(16)	27,28,29,30	11,15,(16)	X,(Y)	10,11
	21,22,(23)			(15),(16),25.2,31.2	7,(8),(9),9.3	8,(11)
	(14),16,(18)	11			2	
4JKF2X	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
4MG4FK	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
4RQKP9	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
4UXAX4	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
4W48HR	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
4W7RD9	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,[22]	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

4XHR9G	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
638B4K	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
64GB9R	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	N/A
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	N/A	N/A	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	N/A	N/A	2	
67KBZB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
68GVMB	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
6B2JNB	GlobalFiler™ (STRmix)					
	14,14.2,15,16	17,18,19,20,24,25	10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,21,22	9,10,11,12,13	9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,31.2,14.2,15,15.2,16,24.2,25,25.2,30.2	7,8,9,9.3	8,11
	14,15,16,17,18	10,11			2	
6EZWBZ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

6JPN7B	GlobalFiler™ (STRmix v. 2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
6KMK4K	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
6PE24H	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
6R672V	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
6Y4TQA	Investigator® 24plex QS (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
6Z6T4A	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
6ZFEEQ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

76TRKV	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
7A798U	GlobalFiler™ (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7BDTZ9	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
7E9FHB	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
7LBF4Y	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7LUL3N	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7M92KW	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

7MLHRH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7NJ9Y4	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16,Q	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7Q7A4K	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
7RNA9V	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
7UQ8JN	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7VJAZC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,12,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
7WB9EB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

7WT7GA	PowerPlex® Fusion, GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
7XCUC	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
83ZV2	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
848EHC	GlobalFiler™ (STRmix V2.4.06)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
8726ZC	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
88C7LB	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
88TZN7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

8D3E4B	GlobalFiler™					
	15,16	18,20,24,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
8GGZW3	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
8K42B4	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	19,20		
8P8LZF	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
8TAF3R	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,[20],25	[10],11	15,16,17	11,[12],[14]	
4	10,11,[12]	[10],15	13,15,16	17,[19],20,22	9,10,12,13	9,11
	13,[17],21	13,15.2,[16]	27,28,29,30	11,15,[16]	X,[Y]	10,11
	21,22,23	[9],11,13	7,8,12	15,16,25.2,31.2	7,[8],9,9.3	8,[11]
	14,16,18	11	15	20		
8VEC3L	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
8VGXZM	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

8YZQAW	Investigator® 24plex (STRMix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
92JDYA	GlobalFiler™ (BP Sentry)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
93YLEP	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
948KMD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9BNF48	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	9,10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,21,22	9,10,11,12,13	9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,15,16,24.2,25.2,30.2,31.2	6,7,8,9,9.3	8,11
	14,15,16,17,18	10,11			2	
9CFCT2	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9GTWYM	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

9KBEUC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9MKUG4	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9NAV87	GlobalFiler™ (STRmix)					
	14,14.2,15,16	17,18,19,20,24,25	10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,21,22	9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,14.2,15,16,24.2,25,25.2,30.2,31.2	7,8,9,9.3	7,8,11
	14,15,16,17,18	10,11			2	
9Q2RVZ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9R9737	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9TMDNN	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
9TRT2N	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

9UYQ8V	Identifiler® Plus (STRmix 2.10.0)					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
9WLRAR	GlobalFiler™					
	15,16	18,[20],25	[10],11	15,16,17	11,[12],14	
4	10,[11],12	[10],15	13,[15],16	17,19,20,22	[9,10],12,13	9,11
	13,[17],21	13,15.2,[16]	27,28,29,[30]	11,15,[16]	X,[Y]	10,11
	21,[22,23]			15,16,25.2,31.2	7,[8,9],9.3	8,[11]
	[14],16,[18]	11			2	
9YDNYL	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
A2X6FX	GlobalFiler™ (STRmix version 2.7.0)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
A74T38	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
A83EX6	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
AFCAQ7	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

AFV77D	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
AJEAWB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
AL8K4W	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ANNJ27	GlobalFiler™ (BulletProof Sentry)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
AP7XP2	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,22	8,9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	10,11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,15,15.2,16,24.2,25.2,30.2,31.2	7,8,9,9.3	8,11
	14,15,16,17,18	10,11			2	
APM38Y	GlobalFiler™ (STRmix)					
	14,15,16,Q	17,18,20,24,25,Q	10,11,Q	14,15,16,17,Q	10,11,12,13,14,Q	
4	9,10,11,12,Q	9,10,14,15,Q	13,14,15,16,Q	17,19,20,21,22,Q	9,10,11,12,13,Q	9,11,Q
	12,13,16,17,20,21,Q	12,13,14.2,15.2,16,Q	27,28,29,30,Q	11,14,15,16,Q	X,Y	10,11,Q
	20,21,22,23,Q			14,15,16,24.2,25.2,29.2,30.2,31.2,Q	7,8,9,9.3,Q	8,11,Q
	14,15,16,18,Q	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 4 - STR Results

ATK7XF	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
AVLBAZ	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	-
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	-	7,8,9,9.3	8,11
	14,16,18	11	-	-	-	
AXV866	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
AZ2JXZ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
B4M2UW	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
B742NC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
B8K4KC	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,13,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,20,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

BAG2K3	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
BFA7PT	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
BG4UZN	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
BH3YKC	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
BLAKY9	Verifiler Plus Kit					
	15,16	18,20,25	10,11	15,16,17	11,12,14	11,12
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18				2	
BLXNXP	Investigator® 24plex (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
BMEMK9	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

BRLAZ6	GlobalFiler™ (STRmix V.2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
BTHVG3	PowerPlex® 21					
	15,16	18,20,25		15,16,17	11,12,14	11,12
4	10,11,12	10,15		17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18					
BUCET3	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
BV3MT6	Investigator® 24plex (STRmix)					
	15,16	[18],[20],25	[10],11	15,16,17	11,[12],[14]	
4	10,[11],[12]	[10],15	[13],[15],16	17,19,20,22	[9],[10],12,13	9,11
	13,[17],21	13,15.2,[16]	27,28,29,30	11,15,[16]	X,[Y]	10,11
	21,[22],[23]			15,16,25.2,31.2	7,8,9,9.3	8,[11]
	[14],16,[18]	11				
BXU7MW	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
BY79Q4	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
BZFMPW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

C34A47	PowerPlex® 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
C6N89M	GlobalFiler™ (STRmix 2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
C8HRLM	PowerPlex® Fusion 6C (STRmix)					
	15,16	(18),(20),25	(10),11	15,16,17	11,(12),14	
4	10,11,(12)	(10),15	13,(15),16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,(16)	27,28,29,30	11,15,(16)	X,(Y)	10,11
	21,(22),23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,(11)
	14,16,18	11	15	20		
C9NJ6M	GlobalFiler™ (STRmix 2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CBG3GM	PowerPlex® Fusion 6C (STRmix 2.6.2)					
	15,16	18,20,25	10,11	15,16,17	11,(12),(14)	
4	10,11,12	(10),15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,(17),21	13,15.2,(16)	27,28,29,(30)	11,15,(16)	X,(Y)	10,11
	21,(22),23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,(11)
	(14),16,18	11	15	20		
CBXGNW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CCPDDQ	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

CDYM2G	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NA
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NA	NA	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NA	NA	2	
CEFLDT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	ND	ND	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	ND	ND	2	
CFCVLQ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CFPQQH	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
CFQJQB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CQDFVH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,[22]	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	[14],16,18	11			2	
CQPC2M	PowerPlex® 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

CQQYR9						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CTZM6Y PowerPlex® Fusion 6C (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
CWVG3Z GlobalFiler™ (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CX9HXU GlobalFiler™						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CXQHRJ GlobalFiler™ (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CZAJM6 GlobalFiler™ (STRmix v. 2.4.06)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
CZDBP8 PowerPlex® 6C (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

CZZEMN	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
D2J3A8	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
D3FERU	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
D7WMFT	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
D9L3UV	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DC64PH	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DDXYEC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

DJZ7RT	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DNGDFT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DNYCR7	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20	2	
DPM6W9	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DPXFCT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DRYQXV	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DTTAAU	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

DVEXLU						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DXJQD9 GlobalFiler™						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
DZ7AE7 Identifiler® Plus						
		18,20,25		15,16,17	11,[12],14	
4	10,11,[12]	10,15			9,10,12,13	9,11
	13,21	13,15.2,16	27,28,29,30		X,[Y]	10,11
	21,22,23				[7],[8],[9],9.3	8,[11]
	14,16,18					
DZBPR7 GlobalFiler™ (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
E3CAUW GlobalFiler™						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
E4M4K6 GlobalFiler™ (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
E6KFHJ GlobalFiler™ (STRmix)						
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

E84GD6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
E8PV2H	PowerPlex® Fusion 6C, GlobalFiler™ (LRmixStudio)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,X,X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20	2	
E8RHHW	PowerPlex® Fusion (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	INC				
EAX2P6	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
EDB2LW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
EDXW2X	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
EMHMLJ	GlobalFiler™ (STRmix v2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

EP7PKW	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
EQ2VW6	PowerPlex® 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
EQ7FYR	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
EVULFU	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
EW3GTQ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
F2YZGP	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
F44JQJ	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

F6EDFR	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
F6ZW97	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
F9RDDJ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FCC6NL	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FCGGAW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FCVYBG	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
FFBJAP	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

FHNYTJ	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
FKABJT	GlobalFiler™ (STRmix 2.9.1)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FKLFT7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FNPE4Y	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
FPLVCF	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FRBZAT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
FRCVP6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

FRRRTU	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
FXY8KR	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
FZKD73	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
G2TWEY	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
G337FW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GAKKX8	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GCE6A8	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

GFF7CP	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GG832J	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
GHZ88C	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GJR3W6	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
GLZFBL	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
GMRCZF	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GN8NQX	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

GPGT4L	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
GRMJKV	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
GT3TPP	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GXAVKC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
GZMB3K	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
H24AHL	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
H3F43R	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

H8ULJA	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
H97DCQ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HDMLZQ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HEDYAV	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
HFMU6Z	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
HGXWQY	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HHTGDY	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,[12],[14]	
4	10,11,12	10,[15]	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,[Y]	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,[11]
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

HJQF3Y	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HLD6EY	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HPJJ2J	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
HYZ4XQ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HZGB7U	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
J9MYFZ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	-	-	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	-	-	2	
JADZLN	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

JAUAC4	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JCZU2P	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JDD9PY	GlobalFiler™ (BulletProof Sentry)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JEUEEP	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JF6CFZ	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
JHBLUC	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
JNDY9L	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

JQJKY7	GlobalFiler™					
	15,16	[18],[20],25	[10],11	[15],16,17	11,12,14	
4	10,11,[12]	[10],15	[13],15,16	17,19,20,22	9,10,12,13	9,11
	[13],[17],21	13,[15.2],[16]	27,28,29,30	11,15,[16]	X,[Y]	10,11
	21,[22],[23]			15,16,25.2,31.2	7,8,[9],9.3	8,[11]
	[14],16,[18]	11			2	
JTBFNZ	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JUPTFH	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
JX4A2G	GlobalFiler™ (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
JXN2UL	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
K4F6QU	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
K9JUFH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

KA236Q	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
KA4F4K	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
KABQ6C	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
KG TABW	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
KGTLZR	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
KJLXVD	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
KJZE3Z	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

KRXWPP	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
KT3LTT	Identifiler® Plus (STRmix v 2.7)					
		18,20,24*,25		14*,15,16,17	11,12,14	
4	10,11,12	9*,10,14*,15			9,10,12,13	9,10*,11
	13,17,20*,21	12*,13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
KTB7KN	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	9,10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,22	9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,15,16,24.2,25.2,30.2,31.2,32.2	7,8,9,9.3	8,11
	14,15,16,17,18	11			2	
KTPP6K	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
KU4MPC	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
KUZ6LL	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	ND	ND	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	ND	ND	2	
KW8DYD	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

KYHM3N	Investigator® 24plex QS					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
KYX7LL	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
L2JJ6Y	Investigator® 24plex (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
L9H7UD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
L9H8PW	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
LABQJN	GlobalFiler™ (STRmix)					
	14,15,16,Q	17,18,19,20,24,25, Q	10,11,Q	15,16,17,Q	10,11,12,13,14,Q	
4	9,10,11,12,Q	9,10,14,15,Q	13,15,16,Q	17,18,19,20,22,Q	9,10,12,13,Q	9,11,Q
	13,17,20,21,Q	12,13,14.2,15.2,16, Q	26,27,28,29,30,Q	11,14,15,16,Q	X,Y	10,11,Q
	20,21,22,23,Q			15,16,24.2,25.2,30.2, 31.2,Q	7,8,9,9.3,Q	8,11,Q
	14,15,16,18,Q	11			2	

TABLE 2

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

LBNREH	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
LENQ24	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LGBHYR	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LNAGGL	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LPQ2JQ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LQWTZ7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LRA3DD	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

LRNNPZ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
LUYHRF	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
LVBBHM	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LVPU3K	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LXWF8Q	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LYC3Y2	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
M2DQTG	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

M46P8E	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
M9CBQX	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
M9RLL4	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
M9U93H	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MANN6J	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MBYZUV	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
MCQY9U	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

MDLKVT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MEVPAH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MFCL2G	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MLJ8UK	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MMA9Y9	PowerPlex® Fusion 6C (STRmix v.2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
MNKD76	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MNMUGW	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

MPJA4F	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
MXA4TX	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
MZ2ZHR	PowerPlex® Fusion 6c					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
N2HXXT	GlobalFiler™ (STRmix v2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
N37XE7	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
N8Y37N	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NBB99N	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

NF3D2T	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
NG4MBH	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NHD9UC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NJ66H7	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
NKJRUT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NMN7DR	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NPWC2E	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

NR47WJ	PowerPlex® 21 (STRmix v2.10)					
	15,16	18,20,25		15,16,17	11,12,14	11,12
4	10,11,12	10,15		17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30		X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18					
NRVZ8N	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
NYJ7GG	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
P93LGH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
P9K4NH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
PGF7QT	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
PHTPMJ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

PJ3U2T	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
PLWEET	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
PM6V3Q	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	9,10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,19,20,21,22	9,10,11,12,13	9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,15,16,24.2,25.2,30.2,31.2	7,8,9,9.3	8,11
	14,15,16,17,18	10,11			2	
PNWRQK	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
PPB9R6	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
PTACX7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
PTV3ZD	Investigator® 24plex (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

PUPCUL	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
PYGUGR	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
PZULA9	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
Q2LDMK	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	9,10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,19,20,21,22	9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15,15.2,16	26,27,28,29,30	11,14,15,16	X,Y	9,10,11
	20,21,22,23			14,15,15.2,16,24.2,25,25.2,30.2,31.2	7,8,9,9.3	8,10,11
	14,15,16,17,18	10,11			2	
Q2Z9J8	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Q3CCNH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Q3WQEG	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

Q4N2Z9	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
Q66VZH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Q92KGP	Investigator® 24plex QS					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
QC6TQM	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
QD98WL	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QDEKDG	GlobalFiler™ (STRMIX)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QEMMEU	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

QF44LL	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
QFZ774	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NA
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NA	NA	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NA	NA	2	
QH82WE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QHLN7G	GlobalFiler™ (STRmix 2.8)					
	14,15,16	18,20,24,25	10,11	14,15,16,17	10,11,12,14	
4	9,10,11,12	10,14,15	12,13,14,15,16	17,19,20,22	9,10,11,12,13	9,10,11
	13,17,20,21,22	12,13,14.2,15.2,16	27,28,29,30	11,14,15,16	X,Y	10,11
	20,21,22,23			15,16,24.2,25.2,30.2,31.2	7,8,9,9.3	8,11
	14,15,16,18	11			2	
QJKZED	PowerPlex® Fusion 5C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
QLL4T7	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
QMHPF6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

QNNQNT	GlobalFiler™ (STRmix)					
	15,16	17,18,19,20,24,25	10,11	14,15,16,17	10,11,12,13,14	
4	9,10,11,12	9,10,14,15	12,13,14,15,16	16,17,18,19,20,21,22	9,10,11,12,13	8,9,10,11
	12,13,16,17,20,21	12,13,14.2,15.2,16	26,27,28,29,30	11,14,15,16,17	X,Y	9,10,11
	20,21,22,23			15,16,25.2,31.2	7,8,9,9.3	7,8,10,11
	14,15,16,17,18	11			2	
QPMEFT	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QQDFLG	GlobalFiler™ (STRmix v2.5.11)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QU6VEH	Investigator® 24plex QS					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
QW8DDT	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QWK2EK	Verifiler Plus					
	15,16	18,20,25	10,11	15,16,17	11,12,14	11,12
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18				2	
QWNULL	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

QXFPTA	GlobalFiler™ (STR Mix)					
	15,16	[18],[20],25	[10],11	15,16,17	11,[12],[14]	
4	10,[11],[12]	[10],15	[13],[15],16	17,[19],20,[22]	9,10,12,13	9,11
	[13],[17],21	13,[15.2],[16]	27,28,29,30	11,15,[16]	X,[Y]	[10],11
	21,[22],23			15,16,25.2,31.2	7,8,9,9.3	8,[11]
	[14],16,18	11			2	
QYELQJ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
QZ8N88	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
R2XX3U	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
R9H6HE	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	ND	ND	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	ND	ND	2	
RB3YDU	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
RBMNPM	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

RDC386	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
RDPVKK	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
RH3GR7	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
RLZVEV	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
RQY9ZZ	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
T26VDP	GlobalFiler™ (STRmix V2.4.06)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NT
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NT	NT	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NT	NT	2	
T8CCVQ	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,23				7,8,9,9.3	8,11
	14,16,18					

TABLE 2

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

Item 4 - STR Results

T8KAE3	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TBJM89	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TCWZWQ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
TEHX49	Investigator® 24plex (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
TFF87B	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
TFPBGN	GlobalFiler™ (STRmix 2.4.06)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TG84V6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

TJCWMH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TTEZP8	GlobalFiler™ (STRmix 2.4)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TUCYUE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TW3N38	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TWZY6B	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TXCAPE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
TYRUU6	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

U3KMUD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
U4BNZ2	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
U4D87C	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
U4W48Q	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
U8YG7H	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
U9AZV2	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
UA3PF9	Investigator® 24plex (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

UBUUQF	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
UC7NAM	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UEZ9ML	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UMP3B4	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UPA2GL	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
UPF6JD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UPUQUZ	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

UQQ76C	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UR32Q4	PowerPlex® Fusion 6C (STRmix v2.6)					
	15,16	18,20,25	[10],11	15,16,17	11,[12],[14]	
4	10,11,12	[10],15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,[17],21	13,15.2,[16]	27,28,29,30	11,15,[16]	X,[Y]	10,11
	21,[22],23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,[9],9.3	8,[11]
	14,16,18	11	15	20		
URMGE9	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UTJQGB	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UU9WHE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
UY2AAP	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
UY77RD	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

UZETJM	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
V4PCUZ	GlobalFiler™ (strmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
V4UR82	PowerPlex® Fusion 6C (STRmix 2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
V642VR	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
V64Y7N	GlobalFiler™					
	15,16	[18,20],25	10,11	15,16,17	11,[12,14]	
4	10,11,[12]	[10],15	[13,15],16	17,19,20,22	9,10,12,13	9,11
	13,[17],21	13,[15.2,16]	27,28,29,30	11,15,[16]	X,[Y]	10,11
	21,[22,23]			15,16,25.2,31.2	7,8,9,9.3	8,[11]
	[14],16,18	11			2	
VAGJDA	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VAYT4P	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

VB8VXZ	PowerPlex® Fusion 6C (STRMix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
VBDG4A	Identifiler® Plus (STRmix v2.10.0)					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
VBRCFN	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
VC7YRB	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VDXX7A	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VDZN38	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VFPWK9	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

VGJJYW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VKG43G	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VMPFKH	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,[17]	11,12,14	
4	10,11,12	10,15	13,15,16	[17],[19],20,[22]	9,10,12,13	9,11
	13,[17],21	13,15.2,[16]	27,28,29,[30]	11,15,16	X,[Y]	10,11
	21,22,23			15,16,25.2,31.2	7,[8],[9],9.3	8,11
	14,16,18	11			2	
VQLZN2	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
VWATB2	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	NSD
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	NSD	NSD	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	NSD	NSD	2	
VYKUXE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
W3C3GU	GlobalFiler™					
	15,16	[18],[20],25	[10],11	15,16,17	11,[12],14	
4	10,[11],[12]	[10],15	13,[15],16	17,19,20,[22]	9,[10],12,13	9,11
	13,[17],21	13,15.2,[16]	27,[28],29,[30]	[11],15,[16]	X,[Y]	10,11
	21,[22],23			15,16,25.2,31.2	7,[8],9,9.3	8,[11]
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

W6JKFP	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
W6W4CF	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
W7RPVY	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
W7UBRE	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,[16]	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,[8,9],9.3	8,11
	14,16,18	11			2	
WF3YG7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WFEVLB	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WFJYN3	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

WGUV7Z	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WHBX32	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WJDWZM	GlobalFiler™ (STRmix)					
	14,15,16	17,18,19,20,24,25	10,11	14,15,16,17	10,11,12,13,14	
4	10,11,12	10,14,15	13,15,16	17,19,20,22	9,10,11,12,13	9,10,11
	13,17,20,21	12,13,14.2,15.2,16	27,28,29,30	11,14,15,16	X,Y	10,11
	20,21,22,23			15,16,24.2,25.2,30.2,31.2	7,8,9,9.3	8,11
	14,15,16,17,18	11			2	
WJZUFE	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
WK9PJC	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WP9HTF	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
WPPX8C	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

WRR62N	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WRRVH6	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WT87HX	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
WUKXCY	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
WZA672	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
X3ULND	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
X4KNHE	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

X7AUCC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
X888UY	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	N/A
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	N/A	N/A	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	N/A	N/A	2	
X9EAB9	PowerPlex® Fusion 6C (STRMIX)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
XAPNPN	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
XAQK72	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
XFE2QC	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
XJ2MJY	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

XJECMC	GlobalFiler™						
		15,16	18,20,25	10,11	15,16,17	11,12,14	
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2		
XKRLXX	GlobalFiler™ (STRmix)						
		15,16	18,20,25	10,11	15,16,17	11,12,14	
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2		
XNRXUX	GlobalFiler™						
		15,16	18,20,25	10,11	15,16,17	11,12,14	
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2		
XTLUHN	GlobalFiler™						
		15,16	18,20,25	10,11	15,16,17	11,12,14	
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2		
XY4FUF	GlobalFiler™						
		15,16	18,20,25	[10],11	15,16,17	11,12,14	
	4	10,[11],[12]	[10],15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,[17],21	13,15.2,16	27,28,29,30	11,15,16	X,[Y]	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,[11]
	14,16,18	11			2		
XY8GX8	GlobalFiler™ (STRmix)						
		15,16	18,20,25	10,11	15,16,17	11,12,14	
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2		
XYKM2H	GlobalFiler™						
		15,16	18,20,25	10,11	15,16,17	11,12,14	-
	4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
		13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
		21,22,23	-	-	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	-	-	2		

TABLE 2

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

Item 4 - STR Results

Y2VPP3	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Y4JH3B	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Y4Y2M9	PowerPlex® 21 (STRmix)					
	15,16	18,20,25		15,16,17	11,12,14	11,12
4	10,11,12	10,15		17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18					
Y6ACH2	GlobalFiler™ (STRmix v. 2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Y6C4H3	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
Y7PLET	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Y99MAF	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

YAAKW	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
YDLGED	VeriFiler Plus					
	15,16	18,20,25	10,11	15,16,17	11,12,14	11,12
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18				2	
YEN3DD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
YFTWLJ	PowerPlex® Fusion (TrueAllele)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
YGKTBC	VeriFiler Plus					
	15,16	18,20,25	10,11	15,16,17	11,12,14	11,12
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18				2	
YHJGQ9	PowerPlex® Fusion 6C (STRMix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
YHMGXH	PowerPlex® Fusion 6C (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		

TABLE 2

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

Item 4 - STR Results

YJRFJB	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
YLVCC	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
YLZD66	Investigator® 24plex QS (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11				
YPJBX2	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				
YRLEJW	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
YWFG23	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
YYKWMM	Identifiler® Plus, GlobalFiler™ (GeneMapper™ ID-X 1.6)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

YZZ2BD	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Z4FWPP	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
Z4TQ36	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZC8TQC	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZCMXNV	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZDZ923	PowerPlex® Fusion 6C (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
ZE7YHG	GlobalFiler™ (STRmix 2.4.06)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4 - STR Results

ZEDW3U	Identifiler® Plus					
		18,20,25		15,16,17	11,12,14	
4	10,11,12	10,15			9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30		X,X,Y	10,11
	21,22,23				7,8,9,9.3	8,11
	14,16,18					
ZHUBVU	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,[9],9.3	8,11
	14,16,18	11			2	
ZJ8UT7	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZLFWMG	PowerPlex® 6C (STRMix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
ZM9TCB	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZR3WVG	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZRLTA3	PowerPlex® Fusion					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4 - STR Results

ZWYAWZ	GlobalFiler™ (STRmix v2.8)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZWYEFN	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZY4Y7A	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
ZZWVU4	PowerPlex® Fusion 5C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12		7,8,9,9.3	8,11
	14,16,18	11				

TABLE 2

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

Item 4e - STR Results

2GX9E4	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4e	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
HUUT2D	GlobalFiler™					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4e	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
K3U482	GlobalFiler™ (STRmix v2.4.06)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4e	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	
LZ4X7M	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4e	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
NXBAND	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4e	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15.2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25.2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

TABLE 2

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

Item 4sp - STR Results

2GX9E4	GlobalFiler™					
4sp	[Redacted]					
	[Redacted]					
HUUT2D	GlobalFiler™					
4sp	[Redacted]					
	[Redacted]					
K3U482	GlobalFiler™ (STRmix v2.4.06)					
	15	18,25		16		
4sp	10		13	20	13	
	21		29	11	X	11
						8
	16					
LZ4X7M	PowerPlex® Fusion 6C					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4sp	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23	9,11,13	7,8,12	15,16,25,2,31.2	7,8,9,9.3	8,11
	14,16,18	11	15	20		
NXBAND	GlobalFiler™ (STRmix)					
	15,16	18,20,25	10,11	15,16,17	11,12,14	
4sp	10,11,12	10,15	13,15,16	17,19,20,22	9,10,12,13	9,11
	13,17,21	13,15,2,16	27,28,29,30	11,15,16	X,Y	10,11
	21,22,23			15,16,25,2,31.2	7,8,9,9.3	8,11
	14,16,18	11			2	

YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 2 - YSTR Results

24F88E	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15		27	
	12	12	15	20		24	10	12	
26NKJ2	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27,31
	41	12		15	20	20	24		12
2BA3X3	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2DXEW8	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24		12	
2GX9E4	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2MZD9A	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15		27	
	12	12	15	20		24	10	12	
2PTWK9	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2TPUKY	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2WBEUA	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15		27	
	12	12	15	20		24	10	12	
2XNMU3	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2Z8A3B	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

39G34J	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
3XFMCT	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
4BGKQD	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
4RQKP9	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
4W7RD9	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
68GVMB	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
6NNT9V	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7A798U	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7BDTZ9	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
7LBF4Y	Yfiler™ Plus (Direct mode)								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7UQ8JN	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7WT7GA	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12

TABLE 3

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

Item 2 - YSTR Results

7XCUC	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15		27	
	12	12	15	20		24	10	12	
83ZW2	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
88TZN7	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
8GGZW3	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24		12	
92JDYA	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
9R9737	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24		12	
A74T38	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24		12	
AFCAQ7	Yfiler™								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
AJEAWB	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ANNJ27	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
AXV866	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15		27	
	12	12	15	20		24	10	12	
BG4UZN	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

BH3YKC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
BLXNP	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
BMEMK9	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
BTHVG3	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
BUCET3	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
C34A47	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
CBXGNW	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CFCVLQ	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
CQDFVH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CX9HXU	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CZZEMN	Yfiler™								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
							24		12
D2J3A8	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

D9L3UV	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
DJZ7RT	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
DNYCR7	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
DPXFCT	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
DZ7AE7	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
E4M4K6	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
E8PV2H	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
E8RHHW	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
EAX2P6	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
EDB2LW	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FCC6NL	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FCGGAW	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12

TABLE 3

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

Item 2 - YSTR Results

FFBJAP	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FKLFT7	Yfiler™								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FRBZAT	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
G337FW	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
GFF7CP	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
GG832J	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
GLZFBF	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
H3F43R	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
HFMU6Z	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
JDD9PY	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JEUEEP	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JNDY9L	Yfiler™ Plus: Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

JX4A2G	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JXN2UL	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
K9JUFH	Yfiler™ Plus: Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
KG TABW	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
KRXWPP	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
L9H8PW	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
LGBHYR	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
LPQ2JQ	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
LVBBHM	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
M46P8E	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
M9CBQX	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
MANN6J	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

MDLKVT	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24			12
MEVPAH	Yfiler™ Plus: Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
MJCWXG	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			27
		12	12	15	20	24	10		12
MMA9Y9	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			27
		12	12	15	20	24	10		12
MUD7T7	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24			12
MZ2ZHR	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			27
		12	12	15	20	24	10		12
N2HXXT	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
N8Y37N	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
NHD9UC	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			27
		12	12	15	20	24	10		12
NMN7DR	Yfiler™								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			
						24			12
NPWC2E	PowerPlex® Y 23								
2	14	12,13	13	29	23	11	13	13	
	15	11	12	18	15	15			27
		12	12	15	20	24	10		12
NR47WJ	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

NXBAND	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
P93LGH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
P9K4NH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
PJ3U2T	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	11	12	18	15	15		27
		12	12	15	20		24	10	12
Q66VZH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QFZ774	Yfiler™								
2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
QJKZED	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QWK2EK	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QYELQJ	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
RDPVKK	Yfiler™								
2		14	12,13	13	29	23	11	13	13
		15	11	12	18	15	15		
							24		12
RXZE63	Yfiler™								
2		14	12,13	13	29	23	11	13	13
		15	11	12	18	15	15		
							24		12
T8CCVQ	Yfiler™								
2		14	12,13	13	29	23	11	13	13
		15	11	12	18	15	15		
							24		12

TABLE 3

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

Item 2 - YSTR Results

TBJM89	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TEHX49	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TFPBGH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TJCWMH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TRM6ZD	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TW3N38	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
U4D87C	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
U9AZV2	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
UPUQUZ	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
UY2AAP	Yfiler™								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
							24		12
UZETJM	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
VAGJDA	Yfiler™ Plus (Direct mode)								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

VBDG4A	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VC7YRB	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VKG43G	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VMPFKH	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
W7RPVY	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
W7UBRE	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WF3YG7	Yfiler™ Plus: Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WFEVLB	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WGUV7Z	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WK9PJC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WRR62N	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WRRVH6	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

X3ULND	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
X4KNHE	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
X7AUCC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XFE2QC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XJECMC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XY4FUF	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y2VPP3	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y4Y2M9	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y6ACH2	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y6C4H3	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
Y7PLET	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YDLGED	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 2 - YSTR Results

YEN3DD	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YFTWLJ	PowerPlex® Y 23								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
YGKTBC	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YYKWMM	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YZZ2BD	Yfiler™								
2		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
Z4TQ36	Yfiler™ Plus Direct Mode								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZHUBVU	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZM9TCB	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZWYAWZ	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZY4Y7A	Yfiler™ Plus								
2	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 3 - YSTR Results

2MZD9A	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
2TPUKY	Yfiler™ Plus								
3	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results		No Results	No Results	No Results	No Results		No Results
2Z8A3B	Yfiler™ Plus								
3									
6NNT9V	Yfiler™ Plus								
3	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result		no result	no result	no result	no result		no result
7LBF4Y	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
AFCAQ7	Yfiler™ Plus								
3									
BG4UZN	Yfiler™ Plus								
3									
FCC6NL	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
H3F43R	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
JNDY9L	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
JXN2UL	Yfiler™ Plus								
3	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results		no results	no results	no results	no results		no results
MEVPAH	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

TABLE 3

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

QFZ774	Yfiler™								
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
UZETJM	PowerPlex® Y 23								
3		14	11,14			24	10		12
	15					15	19		23
			13	18	16		23		
VAGJDA	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
WF3YG7	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
WRRVH6	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
XY4FUF	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
Y2VPP3	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
Z4TQ36	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

TABLE 3

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

24F88E	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
26NKJ2									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2BA3X3	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2DXEW8	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
2MZD9A	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
2PTWK9	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2TPUKY	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2WBEUA	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
2XNMU3	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
2Z8A3B	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
39G34J	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
3XFMCT	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12

TABLE 3

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

Item 4 - YSTR Results

4BGKQD									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
4RQKP9 Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
4W7RD9 Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
68GVMB Yfiler™									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
6NNT9V Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7A798U Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7BDTZ9 PowerPlex® Y 23									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
7LBF4Y Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7UQ8JN Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
7WT7GA									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
7XCUCC PowerPlex® Y 23									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
83ZV2 Yfiler™ Plus									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

88TZN7	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
8GGZW3	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
92JDYA	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
9R9737	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
9YDNYL	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
A74T38	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
AFCAQ7	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
AJEAWB	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ANNJ27	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
AXV866	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
BG4UZN	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
BH3YKC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

BLXNPX	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
BMEMK9	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
BTHVG3	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
BUCET3	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
C34A47	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
CBXGNW	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CFCVLQ	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CQDFVH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CX9HXU	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
CZZEMN	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
							24		12
D2J3A8	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
D9L3UV	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

DJZ7RT	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
DNYCR7	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
DPXFCT	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
DZ7AE7	Yfiler™								
4		14	12,13	13	29	No result	11	13	13
	No result	11	12	18		15	[14],15		
							No result		12
E4M4K6	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
E8PV2H	Yfiler™ , PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
E8RHHW	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
EAX2P6	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
EDB2LW	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FCC6NL	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FCGGAW	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
FFBJAP	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

FKLFT7	Yfiler™								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
FRBZAT	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
G337FW	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
GFF7CP	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
GG832J	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
GLZFBL	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
H3F43R	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
HFMU6Z	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
JDD9PY	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JEUEEP	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JNDY9L	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
JX4A2G	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

JXN2UL	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
K9JUFH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
KG TABW	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
KRXWPP	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
L9H8PW	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
LGBHYR	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
LPQ2JQ	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
LVBBHM	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
M46P8E	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
M9CBQX	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
MANN6J	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
MDLKVT	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12

TABLE 3

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

Item 4 - YSTR Results

MEVPAH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
MJCWXG									
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
MMA9Y9	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
MUD7T7	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
MZ2ZHR	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
N2HXXT									
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
N8Y37N	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
NHD9UC	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
NJ66H7	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
NMN7DR	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
NPWC2E	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
NR47WJ	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

P93LGH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
P9K4NH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
PJ3U2T	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
Q66VZH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QFZ774	Yfiler™								
4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
QJKZED	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QWK2EK	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
QYELQJ	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
RDPVKK	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
RXZE63	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
T8CCVQ	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
TBJM89	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

TEHX49	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TFPBGN	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TJCWMH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TW3N38	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
U4D87C	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
U9AZV2	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
UPUQUZ	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
UY2AAP	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
UZETJM	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
VAGJDA	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VBDG4A	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VC7YRB	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

VKG43G	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
VMPFKH	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
W7RPVY	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		27
		12	12	15	20		24	10	12
W7UBRE	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WF3YG7	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WFEVLB	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WGUV7Z	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WK9PJC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WRR62N	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
WRRVH6	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
X3ULND	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
X4KNHE	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4 - YSTR Results

X7AUCC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XFE2QC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XJECMC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
XY4FUF	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y2VPP3	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y4Y2M9	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y6ACH2	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
Y6C4H3	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12
Y7PLET	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YDLGED	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YEN3DD	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YFTWLJ	PowerPlex® Y 23								
4		14	12,13	13	29	23	11	13	13
		15	12	18		15	15		27
		12	12	15	20		24	10	12

TABLE 3

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

Item 4 - YSTR Results

YGKTBC	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YYKWMM	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
YZZ2BD	Yfiler™								
4		14	12,13	13	29	23	11	13	13
	15	11	12	18		15	15		
							24		12
Z4TQ36	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZEDW3U	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZHUBVU	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZM9TCB	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZWYAWZ	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
ZY4Y7A	Yfiler™ Plus								
4	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4e - YSTR Results

2GX9E4	Yfiler™ Plus								
4e	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
NXBAND	Yfiler™ Plus								
4e	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12
TRM6ZD	Yfiler™ Plus								
4e	35,38	14	12,13	13	29	23	11	13	13
	15	11	12	18	28	15	15	11	27
	41	12		15	20	20	24		12

TABLE 3

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

Item 4sp - YSTR Results

2GX9E4	Yfiler™ Plus								
4sp	[Redacted]								

NXBAND	Yfiler™ Plus								
4sp	[Redacted]								

TRM6ZD	Yfiler™ Plus								
4sp	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	27
	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
IQCL	26NKJ2	2							
IQCS	26NKJ2	2							
QS1	2FKPHD	Q	Q	Q			Q		
	BFA7PT	Q	Q	Q			Q		
QS2	2FKPHD	S	S	S			S		
	BFA7PT	S	S	S			S		

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16085.0	16309.0	16318.0	16519.0
ITEM 1				
7WT7GA	T	G	C	
BTHVG3	T	G	C	C
GG832J	T	G	C	C
GZMB3K	T	G	C	C
JJ8K4P	T	G	C	
L9UTCC	T	G	C	
WUKXCY	T	G	C	C

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

	16224.0	16234.0	16311.0	16519.0
ITEM 2				
7WT7GA	C	T	C	
BTHVG3	C	T	C	C
GG832J	C	T	C	C
GZMB3K	C	T	C	C
JJ8K4P	C	T	C	
L9UTCC	C	T	C	
WUKXCY	C	T	C	C

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16129.0	16224.0	16311.0	16519.0
ITEM 3				
7WT7GA	A	C	C	
BTHVG3	A	C	C	C
GG832J	A	C	C	C
GZMB3K	A	C	C	C
JJ8K4P	A	C	C	
L9UTCC	A	C	C	
WUKXCY	A	C	C	

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
7WT7GA	16024-16365	16024-16365	16024-16365	
BTHVG3	16024-16569	16024-16569	16024-16569	
GG832J	16024-16569	16024-16569	16024-16569	
GZMB3K	16024-16569	16024-16569	16024-16569	
JJ8K4P	16024-16391	16024-16392	16024-16392	
L9UTCC	16024-16365	16024-16365	16024-16365	Mixture-Not Interpreted
WUKXCY	16024-16569	16024-16569	16024-16387	

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	151.0	152.0	263.0	315.0	315.1	523.0	524.0
ITEM 1								
7WT7GA	G	T	C	G		C		
BTHVG3	G	T	C	G		C		
GG832J	G	T	C	G		C	d	d
GZMB3K	G	T	C	G		C	d	d
JJ8K4P	G	T	C	G		C		
L9UTCC	G	T	C	G	.1C			
WUKXCY	G	T	C	G		C	d	d

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	114.0	195.0	263.0	309.1	315.0	315.1	497.0
ITEM 2								
7WT7GA	G	T	C	G	C		C	
BTHVG3	G	T	C	G	C		C	
GG832J	G	T	C	G	C		C	T
GZMB3K	G	T	C	G	C		C	T
JJ8K4P	G	T	C	G	C		C	
L9UTCC	G	T				.1C		
WUKXCY	G	T	C	G	C		C	T

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	16.0	73.0	150.0	152.0	199.0	263.0	309.1	315.0	315.1	497.0
ITEM 3										
7WT7GA		G	T	C	C	G	C		C	
BTHVG3		G	T	C	C	G	C		C	
GG832J	T	G	T	C	C	G	C		C	T
GZMB3K	T	G	T	C	C	G	C		C	T
JJ8K4P		G	T	C	C	G	C		C	
L9UTCC		G	T	C	C	G		.1C		
WUKXCY		G	T	C	C	G	C		C	

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

Webcode	ITEM 1	ITEM 2	ITEM 3	ITEM 4
7WT7GA	73-340	73-340	73-340	
BTHVG3	73-340	73-340	73-340	
GG832J	1-576	1-573	1-566	
GZMB3K	1-573	1-566	1-566	
JJ8K4P	48-389	47-390	46-390	
L9UTCC	73-340	73-340	73-340	Mixture-Not Interpreted
WUKXCY	1-576	1-573	50-364	

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
24F88E	No	Yes	No	Yes	3MYWNW	No	Yes	No	Yes
26NKJ2	No	Yes	No	Yes	3NXZ9J	No	Yes	No	Yes
28T2WJ	No	Yes	No	Yes	3RWC4J	No	Yes	No	Yes
2BA3X3	No	Yes	No	Yes	3XFMCT	No	Yes	No	Yes
2C2KXW	No	Yes	No	Yes	3ZQWF6	No	Yes	No	Yes
2DXEW8	No	Yes	No	Yes	42PBXA	No	Yes	No	Yes
2E9DT3	No	Yes	No	Yes	47AUN8	No	Yes	No	Yes
2EQL67	No	Yes	No	Yes	47NHRJ	No	Yes	No	Yes
2FKPHD	No	Yes	No	Yes	48KVA7	No	Yes	No	Yes
2GX9E4	No	Yes	No	Yes	4BGKQD	No	Yes	No	Yes
2MZD9A	No	Yes	No	Yes	4DU3ZB	No	Yes	No	Yes
2PTWK9	No	Yes	No	Yes	4FEHGA	No	Yes	No	Yes
2PUUV4	No	Yes	No	Yes	4J3UH2	No	Yes	No	Yes
2TPUKY	No	Yes	No	Yes	4JDHHL	No	Yes	No	Yes
2VGQ9T	No	Yes	No	Yes	4JKF2X	No	Yes	No	Yes
2WBEUA	No	Yes	No	Yes	4MG4FK	No	Yes	No	Yes
2XG239	No	Yes	No	Yes	4RQKP9	No	Yes	No	Yes
2XNMU3	No	Yes	No	Yes	4UXAX4	No	Yes	No	Yes
2YZYJE	No	Yes	No	Yes	4W48HR	No	Yes	No	Yes
2Z8A3B	No	Yes	No	Yes	4W7RD9	No	Yes	No	Yes
326RBR	No	Yes	No	Yes	4XHR9G	No	Yes	No	Yes
32JDKU	No	Yes	No	Yes	638B4K	No	Yes	No	Yes
33C6PZ	No	Yes	No	Yes	64GB9R	No	Yes	No	Yes
33URY8	No	Yes	No	Yes	67KBZB	No	Yes	No	Yes
39G34J	No	Yes	No	Yes	68GVMB	No	Yes	No	Yes
3B9BH8	No	Yes	No	Yes	6B2JNB	No	Yes	No	Yes
3BMHMH	No	Yes	No	Yes	6EZWBZ	No	Yes	No	Yes
3E9ME8	No	Yes	No	Yes	6JPN7B	No	Yes	No	Yes
3KB9BV	No	Yes	No	Yes	6KMK4K	No	Yes	No	Yes
3KBEFW	No	Yes	No	Yes	6NNT9V	No Interp	No Interp	No Interp	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
6PE24H	No	Yes	No	Yes	8YZQAW	No	Yes	No	Yes
6R672V	No	Yes	No	Yes	92JDYA	No	Yes	No	Yes
6Y4TQA	No	Yes	No	Yes	93YLEP	No	Yes	No	Yes
6Z6T4A	No	Yes	No	Yes	948KMD	No	Yes	No	Yes
6ZFEEQ	No	Yes	No	Yes	9BNF48	No	Yes	No	Yes
76TRKV	No	Yes	No	Yes	9CFCT2	No	Yes	No	Yes
7A798U	No	Yes	No	Yes	9GTWYM	No	Yes	No	Yes
7BDTZ9	No	Yes	No	Yes	9KBEUC	No	Yes	No	Yes
7E9FHB	No	Yes	No	Yes	9MKUG4	No	Yes	No	Yes
7LBF4Y	No	Yes	No	Yes	9NAV87	No	Yes	No	Yes
7LUL3N	No	Yes	No	Yes	9Q2RVZ	No	Yes	No	Yes
7M92KW	No	Yes	No	Yes	9R9737	No	Yes	No	Yes
7MLHRH	No	Yes	No	Yes	9TMDNN	No	Yes	No	Yes
7NJ9Y4	No	Yes	No	Yes	9TRT2N	No	Yes	No	Yes
7Q7A4K	No	Yes	No	Yes	9UYQ8V	No	Yes	No	Yes
7RNA9V	No	Yes	No	Yes	9WLRAR	No	Yes	No	Yes
7UQ8JN	No	Yes	No	Yes	9YDNYL	No	Yes	No	Yes
7VJAZC	No	Yes	No	Yes	A2X6FX	No	Yes	No	Yes
7WB9EB	No	Yes	No	Yes	A74T38	No	Yes	No	Yes
7WT7GA	No	Yes	No	Yes	A83EX6	No	Yes	No	Yes
7XCUCC	No	Yes	No	Yes	AFCAQ7	No	Yes	No	Yes
83ZVW2	No	Yes	No	Yes	AFV77D	No	Yes	No	Yes
848EHC	No	Yes	No	Yes	AJEAWB	No	Yes	No	Yes
8726ZC	No	Yes	No	Yes	AL8K4W	No	Yes	No	Yes
88C7LB	No	Yes	No	Yes	ANNJ27	No	Yes	No	Yes
88TZN7	No	Yes	No	Yes	AP7XP2	No	Yes	No	Yes
8D3E4B	No	Yes	No	Yes	APM38Y	No	Yes	No	Yes
8GGZW3	No	Yes	No	Yes	ATK7XF	No	Yes	No	Yes
8K42B4	No	Yes	No	Yes	AVLBAZ	No	Yes	No	Yes
8P8LZF	No	Yes	No	Yes	AXV866	No	Yes	No	Yes
8TAF3R	No	Yes	No	Yes	AZ2JXZ	No	Yes	No	Yes
8VEC3L	No	Yes	No	Yes	B4M2UW	No	Yes	No	Yes
8VGXZM	No	Yes	No	Yes	B742NC	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
B8K4KC	No	Yes	No	Yes	CXQHRJ	No	Yes	No	Yes
BAG2K3	No	Yes	No	Yes	CZAJM6	No	Yes	No	Yes
BFA7PT	No	Yes	No	Yes	CZDBP8	No	Yes	No	Yes
BG4UZN	No	Yes	No	Yes	CZZEMN	No	Yes	No	Yes
BH3YKC	No	Yes	No	Yes	D2J3A8	No	Yes	No	Yes
BLAKY9	No	Yes	No	Yes	D3FERU	No	Yes	No	Yes
BLXNXP	No	Yes	No	Yes	D7WMFT	No	Yes	No	Yes
BMEMK9	No	Yes	No	Yes	D9L3UV	No	Yes	No	Yes
BRLAZ6	No	Yes	No	Yes	DC64PH	No	Yes	No	Yes
BTHVG3	No	Yes	No	Yes	DDXYEC	No	Yes	No	Yes
BUCET3	No	Yes	No	Yes	DJZ7RT	No	Yes	No	Yes
BV3MT6	No	Yes	No	Yes	DNGDFT	No	Yes	No	Yes
BXU7MW	No	Yes	No	Yes	DNYCR7	No	Yes	No	Yes
BY79Q4	No	Yes	No	Yes	DPM6W9	No	Yes	No	Yes
BZFM PW	No	Yes	No	Yes	DPXFCT	No	Yes	No	Yes
C34A47	No	Yes	No	Yes	DRYQXV	No	Yes	No	Yes
C6N89M	No	Yes	No	Yes	DTAAU	No	Yes	No	Yes
C8HRLM	No	Yes	No	Yes	DVEXLU	No	Yes	No	Yes
C9NJ6M	No	Yes	No	Yes	DXJQD9	No	Yes	No	Yes
CBG3GM	No	Yes	No	Yes	DZ7AE7	No	Yes	No	Yes
CBXGNW	No	Yes	No	Yes	DZBPR7	No	Yes	No	Yes
CCPDDQ	No	Yes	No	Yes	E3CAUW	No	Yes	No	Yes
CDYM2G	No	Yes	No	Yes	E4M4K6	No	Yes	No	Yes
CEFLDT	No	Yes	No	Yes	E6KFHJ	No	Yes	No	Yes
CFCVLQ	No	Yes	No	Yes	E84GD6	No	Yes	No	Yes
CFPQQH	No	Yes	No	Yes	E8PV2H	No	Yes	No	Yes
CFQJQB	No	Yes	No	Yes	E8RHHW	No	Yes	No	Yes
CQDFVH	No	Yes	No	Yes	EAX2P6	No	Yes	No	Yes
CQPC2M	No	Yes	No	Yes	EDB2LW	No	Yes	No	Yes
CQQYR9	No	Yes	No	Yes	EDXW2X	No	Yes	No	Yes
CTZM6Y	No	Yes	No	Yes	EMHMLJ	No	Yes	No	Yes
CWVG3Z	No	Yes	No	Yes	EP7PKW	No	Yes	No	Yes
CX9HXU	No	Yes	No	Yes	EQ2VW6	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EQ7FYR	No	Yes	No	Yes	GPGT4L	No	Yes	No	Yes
EVULFU	No	Yes	No	Yes	GRMJKV	No	Yes	No	Yes
EW3GTQ	No	Yes	No	Yes	GT3TPP	No	Yes	No	Yes
F2YZGP	No	Yes	No	Yes	GXAVKC	No	Yes	No	Yes
F44JQJ	No	Yes	No	Yes	GZMB3K	No	Yes	No	Yes
F6EDFR	No	Yes	No	Yes	H24AHL	No	Yes	No	Yes
F6ZW97	No	Yes	No	Yes	H3F43R	No	Yes	No	Yes
F9RDDJ	No	Yes	No	Yes	H8ULJA	No	Yes	No	Yes
FCC6NL	No	Yes	No	Yes	H97DCQ	No	Yes	No	Yes
FCGGAW	No	Yes	No	Yes	HDMLZQ	No	Yes	No	Yes
FCVYBG	No	Yes	No	Yes	HEDYAV	No	Yes	No	Yes
FFBJAP	No	Yes	No	Yes	HFMU6Z	No	Yes	No	Yes
FHNYTJ	No	Yes	No	Yes	HGXWQY	No	Yes	No	Yes
FKABJT	No	Yes	No	Yes	HHTGDY	No	Yes	No	Yes
FKLFT7	No	Yes	No	Yes	HJQF3Y	No	Yes	No	Yes
FNPE4Y	No	Yes	No	Yes	HLD6EY	No	Yes	No	Yes
FPLVCF	No	Yes	No	Yes	HPJJ2J	No	Yes	No	Yes
FRBZAT	No	Yes	No	Yes	HUUT2D	No	Yes	No	Yes
FRCVP6	No	Yes	No	Yes	HYZ4XQ	No	Yes	No	Yes
FRRTTU	No	Yes	No	Yes	HZGB7U	No	Yes	No	Yes
FXY8KR	No	Yes	No	Yes	J9MYFZ	No	Yes	No	Yes
FZKD73	No	Yes	No	Yes	JADZLN	No	Yes	No	Yes
G2TWEY	No	Yes	No	Yes	JAUAC4	No	Yes	No	Yes
G337FW	No	Yes	No	Yes	JCZU2P	No	Yes	No	Yes
GAKKX8	No	Yes	No	Yes	JDD9PY	No	Yes	No	Yes
GCE6A8	No	Yes	No	Yes	JEUEEP	No	Yes	No	Yes
GFF7CP	No	Yes	No	Yes	JF6CFZ	No	Yes	No	Yes
GG832J	No	Yes	No	Yes	JHBLUC	No	Yes	No	Yes
GHZ88C	No	Yes	No	Yes	JJ8K4P	No	No Interp	No	No Interp
GJR3W6	No	Yes	No	Yes	JNDY9L	No	Yes	No	Yes
GLZFBL	No	Yes	No	Yes	JQJKY7	No	Yes	No	Yes
GMRCZF	No	Yes	No	Yes	JTBFNZ	No	Yes	No	Yes
GN8NQX	No	Yes	No	Yes	JUPTHEH	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JX4A2G	No	Yes	No	Yes	LRNNPZ	No	Yes	No	Yes
JXN2UL	No	Yes	No	Yes	LUYHRF	No	Yes	No	Yes
K3U482	No	Yes	No	Yes	LVBBHM	No	Yes	No	Yes
K4F6QU	No	Yes	No	Yes	LVPU3K	No	Yes	No	Yes
K9JUFH	No	Yes	No	Yes	LXWF8Q	No	Yes	No	Yes
KA236Q	No	Yes	No	Yes	LYC3Y2	No	Yes	No	Yes
KA4F4K	No	Yes	No	Yes	LZ4X7M	No	Yes	No	Yes
KABQ6C	No	Yes	No	Yes	M2DQTG	No	Yes	No	Yes
KGTABW	No	Yes	No	Yes	M46P8E	No	Yes	No	Yes
KGTLZR	No	Yes	No	Yes	M9CBQX	No	Yes	No	Yes
KJLXVD	No	Yes	No	Yes	M9RLL4	No	Yes	No	Yes
KJZE3Z	No	Yes	No	Yes	M9U93H	No	Yes	No	Yes
KRXWPP	No	Yes	No	Yes	MANN6J	No	Yes	No	Yes
KT3LTT	No	Yes	No	Yes	MBYZUV	No	Yes	No	Yes
KTB7KN	No	Yes	No	Yes	MCQY9U	No	Yes	No	Yes
KTPP6K	No	Yes	No	Yes	MDLKVT	No	Yes	No	Yes
KU4MPC	No	Yes	No	Yes	MEVPAH	No	Yes	No	Yes
KUZ6LL	No	Yes	No	Yes	MFCL2G	No	Yes	No	Yes
KW8DYD	No	Yes	No	Yes	MJCWXG	No Interp	No Interp	No	Yes
KYHM3N	No	Yes	No	Yes	MLJ8UK	No	Yes	No	Yes
KYX7LL	No	Yes	No	Yes	MMA9Y9	No	Yes	No	Yes
L2JJ6Y	No	Yes	No	Yes	MNKD76	No	Yes	No	Yes
L9H7UD	No	Yes	No	Yes	MNMUGW	No	Yes	No	Yes
L9H8PW	No	Yes	No	Yes	MPJA4F	No	Yes	No	Yes
L9UTCC	No	No Interp	No	No Interp	MUD7T7	No Interp	No Interp	No Interp	Yes
LABQJN	No	Yes	No	Yes	MXA4TX	No	Yes	No	Yes
LBNREH	No	Yes	No	Yes	MZ2ZHR	No	Yes	No	Yes
LENQ24	No	Yes	No	Yes	N2HXXT	No	Yes	No	Yes
LGBHYR	No	Yes	No	Yes	N37XE7	No	Yes	No	Yes
LNAGGL	No	Yes	No	Yes	N8Y37N	No	Yes	No	Yes
LPQ2JQ	No	Yes	No	Yes	NBB99N	No	Yes	No	Yes
LQWTZ7	No	Yes	No	Yes	NF3D2T	No	Yes	No	Yes
LRA3DD	No	Yes	No	Yes	NG4MBH	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NHD9UC	No	Yes	No	Yes	QEMMEU	No	Yes	No	Yes
NJ66H7	No	Yes	No	Yes	QF44LL	No	Yes	No	Yes
NKJRUT	No	Yes	No	Yes	QFZ774	No	Yes	No	Yes
NMN7DR	No	Yes	No	Yes	QH82WE	No	Yes	No	Yes
NPWC2E	No	Yes	No	Yes	QHLN7G	No	Yes	No	Yes
NR47WJ	No	Yes	No	Yes	QJKZED	No	Yes	No	Yes
NRVZ8N	No	Yes	No	Yes	QLL4T7	No	Yes	No	Yes
NXBAND	No	Yes	No	Yes	QMHPF6	No	Yes	No	Yes
NYJ7GG	No	Yes	No	Yes	QNQNNT	No	Yes	No	Yes
P93LGH	No	Yes	No	Yes	QPMEFT	No	Yes	No	Yes
P9K4NH	No	Yes	No	Yes	QQDFLG	No	Yes	No	Yes
PGF7QT	No	Yes	No	Yes	QU6VEH	No	Yes	No	Yes
PHTPMJ	No	Yes	No	Yes	QW8DDT	No	Yes	No	Yes
PJ3U2T	No	Yes	No	Yes	QWK2EK	No	Yes	No	Yes
PLWEET	No	Yes	No	Yes	QWNULL	No	Yes	No	Yes
PM6V3Q	No	Yes	No	Yes	QXFPTA	No	Yes	No	Yes
PNWRQK	No	Yes	No	Yes	QYELQJ	No	Yes	No	Yes
PPB9R6	No	Yes	No	Yes	QZ8N88	No	Yes	No	Yes
PTACX7	No	Yes	No	Yes	R2XX3U	No	Yes	No	Yes
PTV3ZD	No	Yes	No	Yes	R9H6HE	No	Yes	No	Yes
PUPCUL	No	Yes	No	Yes	RB3YDU	No	Yes	No	Yes
PYGUGR	No	Yes	No	Yes	RBMNPM	No	Yes	No	Yes
PZULA9	No	Yes	No	Yes	RDC386	No	Yes	No	Yes
Q2LDMK	No	Yes	No	Yes	RDPVKK	No	Yes	No	Yes
Q2Z9J8	No	Yes	No	Yes	RH3GR7	No	Yes	No	Yes
Q3CCNH	No	Yes	No	Yes	RLZVEV	No	Yes	No	Yes
Q3WQEG	No	Yes	No	Yes	RQY9ZZ	No	Yes	No	Yes
Q4N2Z9	No	Yes	No	Yes	RXZE63	No Interp	No Interp	No Interp	Yes
Q66VZH	No	Yes	No	Yes	T26VDP	No	Yes	No	Yes
Q92KGP	No	Yes	No	Yes	T8CCVQ	No	Yes	No	Yes
QC6TQM	No Interp	No Interp	No Interp	No Interp	T8KAE3	No	Yes	No	Yes
QD98WL	No	Yes	No	Yes	TBJM89	No	Yes	No	Yes
QDEKDG	No	Yes	No	Yes	TCWZWQ	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
TEHX49	No	Yes	No	Yes	UZETJM	No	Yes	No	Yes
TFF87B	No	Yes	No	Yes	V4PCUZ	No	Yes	No	Yes
TFPBG	No	Yes	No	Yes	V4UR82	No	Yes	No	Yes
TG84V6	No	Yes	No	Yes	V642VR	No	Yes	No	Yes
TJCWMH	No	Yes	No	Yes	V64Y7N	No	Yes	No	Yes
TRM6ZD	No	No Interp	No	Yes	VAGJDA	No	Yes	No	Yes
TTEZP8	No	Yes	No	Yes	VAYT4P	No	Yes	No	Yes
TUCYUE	No	Yes	No	Yes	VB8VXZ	No	Yes	No	Yes
TW3N38	No	Yes	No	Yes	VBDG4A	No	Yes	No	Yes
TWZY6B	No	Yes	No	Yes	VBRCFN	No	Yes	No	Yes
TXCAPE	No	Yes	No	Yes	VC7YRB	No	Yes	No	Yes
TYRUU6	No	Yes	No	Yes	VDX7A	No	Yes	No	Yes
U3KMUD	No	Yes	No	Yes	VDZN38	No	Yes	No	Yes
U4BNZ2	No	Yes	No	Yes	VFPWK9	No	Yes	No	Yes
U4D87C	No	Yes	No	Yes	VGJJYW	No	Yes	No	Yes
U4W48Q	No	Yes	No	Yes	VKG43G	No	Yes	No	Yes
U8YG7H	No	Yes	No	Yes	VMPFKH	No	Yes	No	Yes
U9AZV2	No	Yes	No	Yes	VQLZN2	No	Yes	No	Yes
UA3PF9	No	Yes	No	Yes	VWATB2	No	Yes	No	Yes
UBUUQF	No	Yes	No	Yes	VYKUXE	No	Yes	No	Yes
UC7NAM	No	Yes	No	Yes	W3C3GU	No	Yes	No	Yes
UEZ9ML	No	Yes	No	Yes	W6JKFP	No	Yes	No	Yes
UMP3B4	No	Yes	No	Yes	W6W4CF	No	Yes	No	Yes
UPA2GL	No	Yes	No	Yes	W7RPVY	No	Yes	No	Yes
UPF6JD	No	Yes	No	Yes	W7UBRE	No	Yes	No	Yes
UPUQUZ	No	Yes	No	Yes	WF3YG7	No	Yes	No	Yes
UQQ76C	No	Yes	No	Yes	WFEVLB	No	Yes	No	Yes
UR32Q4	No	Yes	No	Yes	WFJYN3	No	Yes	No	Yes
URMGE9	No	Yes	No	Yes	WGUV7Z	No	Yes	No	Yes
UTJQGB	No	Yes	No	Yes	WHBX32	No	Yes	No	Yes
UU9WHE	No	Yes	No	Yes	WJDWZM	No	Yes	No	Yes
UY2AAP	No	Yes	No	Yes	WJZUFE	No	Yes	No	Yes
UY7RD	No	Yes	No	Yes	WK9PJC	No	Yes	No	Yes

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
WP9HTF	No	Yes	No	Yes	YFTWLJ	No	Yes	No	Yes
WPPX8C	No	Yes	No	Yes	YGKTBC	No	Yes	No	Yes
WRR62N	No	No Interp	No	Yes	YHJGQ9	No	Yes	No	Yes
WRRVH6	No	Yes	No	Yes	YHMGXH	No	Yes	No	Yes
WT87HX	No	Yes	No	Yes	YJRFJB	No	Yes	No	Yes
WUKXCY	No	Yes	No	Yes	YLHVCC	No	Yes	No	Yes
WZA672	No	Yes	No	Yes	YLZD66	No	Yes	No	Yes
X3ULND	No	Yes	No	Yes	YPJBX2	No	Yes	No	Yes
X4KNHE	No	Yes	No	Yes	YRLEJW	No	Yes	No	Yes
X7AUCC	No	Yes	No	Yes	YWFG23	No	Yes	No	Yes
X888UY	No	Yes	No	Yes	YYKWMM	No	Yes	No	Yes
X9EAB9	No	Yes	No	Yes	YZZ2BD	No	Yes	No	Yes
XAPNPN	No	Yes	No	Yes	Z4FWPP	No	Yes	No	Yes
XAQK72	No	Yes	No	Yes	Z4TQ36	No	Yes	No	Yes
XFE2QC	No	Yes	No	Yes	ZC8TQC	No	Yes	No	Yes
XJ2MJY	No	Yes	No	Yes	ZCMXNV	No	Yes	No	Yes
XJECMC	No	Yes	No	Yes	ZDZ923	No	Yes	No	Yes
XKRLXX	No	Yes	No	Yes	ZE7YHG	No	Yes	No	Yes
XNRXUX	No	Yes	No	Yes	ZEDW3U	No	Yes	No	Yes
XTLUHN	No	Yes	No	Yes	ZHUBVU	No	Yes	No	Yes
XY4FUF	No	Yes	No	Yes	ZJ8UT7	No	Yes	No	Yes
XY8GX8	No	Yes	No	Yes	ZLFWMG	No	Yes	No	Yes
XYKM2H	No	Yes	No	Yes	ZM9TCB	No	Yes	No	Yes
Y2VPP3	No	Yes	No	Yes	ZR3WVG	No	Yes	No	Yes
Y4JH3B	No	Yes	No	Yes	ZRLTA3	No	Yes	No	Yes
Y4Y2M9	No	Yes	No	Yes	ZWYAWZ	No	Yes	No	Yes
Y6ACH2	No	Yes	No	Yes	ZWYEFN	No	Yes	No	Yes
Y6C4H3	No	Yes	No	Yes	ZY4Y7A	No	Yes	No	Yes
Y7PLET	No	Yes	No	Yes	ZZWVU4	No	Yes	No	Yes
Y99MAF	No	Yes	No	Yes					
YAAKVV	No	Yes	No	Yes					
YDLGED	No	Yes	No	Yes					
YEN3DD	No	Yes	No	Yes					

DNA Interpretation				
Response Summary	Participants reporting DNA results: 518			
<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	0	509	0	515
No	513	0	514	0
Inc	0	0	0	0
No Interpretation	5	9	4	3
No Response	0	0	0	0

Participants analyzing DNA for database purposes only: 0

Additional Comments

TABLE 8

WebCode	Additional Comments
2BA3X3	Yfiler Plus results not used for interpretation. The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from Item 4. The results listed in the CTS report reflect DNA profiles with stutter filters on.
2E9DT3	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 4. The results listed in the CTS report reflect the DNA profiles with the stutter filters on.
2G3CGV	Test only used for screening/serology - no DNA testing performed.
2GX9E4	Item 4 SP was not tested for Globalfiler or Yfiler Plus
2XG239	For item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
2XNMU3	The probabilistic genotyping software STRmix v2.10.0 was used to resolve the mixed DNA profile obtained from sample 4. The results listed in the CTS report reflect DNA profiles with stutter filters on.
4BGKQD	Extraction: Item 1 to Item 4 were extracted using Chelex Extraction. Quantification: Item 1 to Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by QuantStudio 5 Real Time PCR. Amplification: -Item 1 to Item 4 were amplified using Globalfiler PCR Amplification Kit on Proflex System. -Item 2 and Item 4 were amplified using AmpFLSTR Y Filer PCR Amplification Kit on Proflex 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
4J3UH2	Given the case scenario context, the victim reference (Item 1) profile was assumed as a contributor to the DNA profile of Item 4 during interpretation. The remaining profile of Item 4 was then compared to the suspect reference (Item 2). Please note, the remaining profile information was added as a minor portion.
4JDHHL	Laboratory does not currently have a validated procedure for saliva testing. () - Lighter intensity allele, NR -no DNA result.
64GB9R	N/A = not applicable
67KBZB	Reporting results with stutter filters on.
68GVMB	Extraction: -Item 1 (bloodstain), Item 2(bloodstain) , Item 3(bloodstain) and Item 4(bloodstain) were extracted using Automate Express by Prepfilier Express Kit. Quantification: -Item 1, Item 2, Item 3, Item 4 were quantified using Quantifiler Trio DNA Quantification Kit on QuanStudio 5 Real-Time PCR System. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using the GlobalFiler Amplification kit. -Item 2, 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 and negative control were carried out through out the analysis and gave intended results. Remarks: -NM: Non-male profile.
6B2JNB	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
6JPN7B	NR= No results
6NNT9V	Conclusions are solely based on the Y-STR typing results obtained.
7E9FHB	NR = No Result. Item 3 - Concordance between PPFusion and MiniFiler at all overlapping loci.
7LBF4Y	NR= No Results
7NJ9Y4	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
7RNA9V	Elevated stutter was observed at DYS576 (19).
7VJAZC	The minor extra allele observed at marker Penta D in item 4 is possibly an elevated stutter.
7WB9EB	Mitochondrial DNA testing and Y STRs are not performed at this laboratory.
848EHC	NR = no results
8GGZW3	Extraction: Item 1 and Item 2 were extracted using chelex method. Item 3 and Item 4 were extracted using DNA QIAAsymphony DNA Investigator kit on QIAAsymphony SP. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 4 were amplified using AmpFLSTR 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 was carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 4 (Y-Filer Kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out during analysis, and all gave intended results. NM: Non-male allele.
8K42B4	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.
8TAF3R	Probabilistic Genotyping Results: Comparisons for Inclusions & Exclusions were made by the analyst prior to using the STRmix software. STRmix was used to calculate the following propositions: Item4: 1s2s_UU Other Notes: Items 1 & 2: Processed on RapidHIT. Items 3 & 4 were extracted using Promega's Casework Direct Kit (Y-Screening). ** NID: No Interpretable Data. INC: Inconclusive.
9BNF48	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
9MKUG4	NR = No results.
9NAV87	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
9UYQ8V	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 4. The results listed in the CTS report reflect DNA profiles with stutter filters on.
A74T38	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 2 and Item 4 were also amplified using the Applied Biosystems™ AmpFLSTR™ YFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed with Applied Biosystems™ GeneMapper™ ID-X Software v1.5. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results. Remark: 'NM' denotes non-male profile.

TABLE 8

WebCode	Additional Comments
APM38Y	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. Item 4: A single low level "29.2" peak at SE33 was the only indication of a third contributor. This may be an incident of drop-in, but the sample was interpreted as a three person mixture.
B4M2UW	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.
B8K4KC	Allele 20 at D18S51 and allele 13 at D5S818 reported for item 4 appear to be the result of elevated stutter.
BFA7PT	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
BLXNP	NR = No Results
BRLAZ6	NR = no results
C8HRLM	NID = No interpretable data. Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio for the following: Item 4 - Proposition: 1s2s_UU
CBG3GM	NID= No interpretable data. Item 1 and item 2 were processed by using RapidHit Global Filer Express. 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 4: 1s2s_UU. Items 1 and 2 were both excluded from item 3. No stat was generated. Y-screening was performed on items 3 and 4.
CDYM2G	NA = Not Applicable
CFCVLQ	NR = no results
CTZM6Y	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.
D7WMFT	For Item 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
DJZ7RT	Reporting STRmix with stutter filters on.
DNGDFT	Based on the laboratory's proficiency test schedule, Y-STR analysis and Individual Characteristic Database entry are performed once per calendar year. Y-STR analysis and Individual Characteristic Database entry were not performed in this proficiency test.

TABLE 8

WebCode	Additional Comments
DNYCR7	<p>De acuerdo con los análisis realizados y los resultados obtenidos en los loci genéticos D1S1656, D2S1338, D2S441, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, CSF1PO, FGA, PENTA D, PENTA E, SE33, THO1, TPOX, vWA y Amelogenina y los resultados obtenidos para los Sistemas de Cromosoma Y: DYS19, DYS385a/b, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393, DYS437, DYS438, DYS439, DYS448, DYS458, DYS481, DYS533, DYS549, DYS570, DYS576, DYS635, DYS643, DYS456, Y-GATA-H4 y el Y-Indel analizados en las muestras se concluye que: a) De la muestra 202404534-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina), se obtuvo un perfil genético correspondiente a un individuo de sexo femenino. b) De la muestra 202404534-2 (Mancha rojiza en trozo de tela blanco, Item2: Sangre conocida del sospechoso masculino), se obtuvo un perfil genético correspondiente a un individuo de sexo masculino. Adicionalmente se obtuvo un haplotipo de cromosoma Y, cuya información refiere únicamente a individuos de sexo masculino. c) De la muestra 202404534-3 (Mancha rojiza en trozo de tela rosada, Item3: Mancha cuestionada de la camisa del sospechoso (rosa)), se detectó la presencia de sangre humana y no se detectó (o menor a 4 ng/ml) la presencia de semen; Así mismo se obtuvo un perfil genético correspondiente a un individuo de sexo femenino. d) De la muestra 202404534-4 (Mancha rojiza en trozo de tela azul claro, Item4: Mancha cuestionada de una manta que cubre a la víctima (azul)), se detectó la presencia de sangre humana y no se detectó (o menor a 4 ng/ml) la presencia de semen. Así mismo se obtuvo una mezcla de perfiles genéticos que incluye por lo menos a dos individuos, donde al menos uno de ellos es de sexo masculino. Adicionalmente se obtuvo un haplotipo de cromosoma Y, cuya información refiere únicamente a individuos de sexo masculino. Cotejos Geneticos e) Los perfiles genéticos obtenidos de las muestras 202404534-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina) y 202404534-3 (Mancha rojiza en trozo de tela rosada, Item3: Mancha cuestionada de la camisa del sospechoso (rosa)) no coinciden entre sí en los sistemas en los que se obtuvo resultado. f) Los perfiles genéticos obtenidos de la muestra 202404534-1 (Mancha rojiza en trozo de tela blanco, Item1: Sangre conocida de la víctima femenina) y de la muestra 202404534-2 (Mancha rojiza en trozo de tela blanco, Item2: Sangre conocida del sospechoso masculino) se encuentran contenidos en la mezcla de perfiles genéticos obtenido de la muestra 202404534-4 (Mancha rojiza en trozo de tela azul claro, Item4: Mancha cuestionada de una manta que cubre a la víctima (azul)). [Requested translation was not provided by time of publication.]</p>
E8RHHW	<p>For PowerPlex Fusion results, DYS391 is reported as "INC" per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.</p>
EP7PKW	<p>NT = Not Tested. NR = No Result. KM testing was performed by a Forensic Biologist.</p>
EQ7FYR	<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>
FCC6NL	<p>NR=No results</p>
FCGGAW	<p>Extraction: -Item 1 and Item 2 were extracted using chelex method. -Item 3 and Item 4 were extracted using QIAAsymphony DNA Investigator Kit via QIAAsymphony SP platform Quantitation: -Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio Kit via QuantStudio5. Amplification: -Item 1, Item 2, Item 3 and Item 4 were amplified using Globalfiler Kit on 9700 GeneAmp PCR System. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -Electrophoresis for Globalfiler PCR products of Item 1, Item 2, Item 3 and Item 4 were carried out using Genetic Analyzer 3500xl. -Electrophoresis for YFiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3500xl. Quality Control: -Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM- Non-male profile.</p>

TABLE 8

WebCode	Additional Comments
FKABJT	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.
FRRTTU	NR = No Results. NT = Not Tested.
FXY8KR	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.
G2TWEY	ND = no DNA types detected at this locus
GK7JDD	Screening exam only
GMRCZF	Results reported with stutter filters on
GPGT4L	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
GZMB3K	Item 4 is a mixture. Mitochondrial DNA sequence analysis is not conducted on mixture samples.
H24AHL	Did not perform YSTR's and mito as we do not have these technologies validated in our laboratory.
HPJJ2J	NR = No Result. Item 3 was sent forward for DNA as a differential bc the laboratory analyst needed to PT in the Qiacube/EZ1 method. As item 3 stain was negative for presumptive semen, SF profile is a result of carryover from CF and is partial.
HUUT2D	The sperm fraction for Item 3 and 4 stopped at quant. STRmix analysis was conducted on this test.
JF6CFZ	NR= No Results
JJ8K4P	Item 4 was deemed to be a mixed sample and was therefore not analysed any further.
JNDY9L	NR = No Results
JQJKY7	NR = no results
K3U482	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. (This may incorporate stutter peaks that would have been filtered during conventional analysis.) Inadvertently selected yes/no radio buttons for part II: Additional DNA
K4F6QU	Item 4: Semen results. The item was only tested for acid phosphatase, so the official conclusion is "no acid phosphatase, an enzyme found in seminal fluid, was detected".
K9JUFH	Y-Screen testing was performed on item 3 (1C) and item 4 (1D). Item 3 (1C) was Y-Screen negative. Item 4 (1D) was Y-Screen positive. Item 3 (1C) was not analyzed using Y-STRs.
KA236Q	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
KBNDPC	Y-screening conducted only on item 3 and 4. Male DNA was indicated on item 4.
KGTZR	NR = no result. NT = not tested.
KT3LTT	Stutter peaks are included in STRmix interpretation. In data entry for Items 3 and 4, alleles consistent with stutter peaks were labelled with an asterisk.
KYX7LL	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.
L2JJ6Y	NR - No Results; Item 3 was sent forward to DNA as a differential because lab technologist needed to extract using Qiacube/EZ1 method to fulfill proficiency requirements. No DNA was found on Item 3 SF [Laboratory Specific Naming Convention], therefore no further analysis was performed.
L9UTCC	Whole genome results were obtained for items 1,2,3, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Mixtures are not interpreted with the mtDNA assay and therefore no results were reported for Item 4.
LABQJN	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.
LBNREH	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
LNAGGL	NR = No Result
LXWF8Q	NR = no results
LZ4X7M	A differential extraction was performed on Item 4 even though no AP or fluorescence was observed because it wasn't clear whether or not a sexual assault could have occurred. Male DNA was detected in the sperm (SP) fraction. Male DNA was also detected in the EC fraction and based on the proportion of DNA detected in both fractions, it appears that the DNA detected in the SP fraction was most likely due to carryover from the EC fraction, especially since no AP or fluorescence was detected. However, given the amount of autosomal and male DNA detected in the SP fraction was not insignificant, the SP fraction was amped and typed to determine if it is the same or different to the EC fraction. Upon evaluating the typing results, it was confirmed that the DNA in the SP fraction was due to carryover. The DNA typing results from Item 4 SP fraction is not suitable for interpretation or comparison due to the low-level data obtained.
M2DQTG	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.

TABLE 8

WebCode	Additional Comments
MDLKVT	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the Globalfiler PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. Abbreviation: NM : Non-male Profile.
MEVPAH	NR=no results
MFCL2G	Did not perform Mito or YSTRs as we do not have those technologies validated in our laboratory.
MJCWXG	This proficiency test was performed for Y-STRs only. For this reason, the female victim known was not examined and Item 3 was not profiled with Y-STRs due to the quantitation result being negative for male DNA. In the DNA Interpretation Section of the CTS data sheet, the male suspect (Item 2) was determined not to be a contributor to Item 3 due to no male DNA being detected on the quantitation run.
MNMUGW	NR = no results
MUD7T7	Evidentiary samples from this proficiency test were evaluated for Y-STR testing. Male DNA was not detected on Item 3A during quantitation. As such, Y-STR testing was not performed on this item. STR testing was performed on the victim's reference sample. STR and Y-STR testing was performed on the suspect's reference sample.
NF3D2T	Item 3 was tested in MiniFiler and PowerPlex Fusion. Data is consistent at overlapping loci. NR = No Result.
NMN7DR	NR=no results. GF and YF are concordant for item 1. GF and YF are concordant for item 2. GF and YF are concordant for item 4.
NXBAND	NR = No Results
P93LGH	Item 3 contains female DNA profile which is NOT compatible with victim's DNA profile and suspect's DNA profile. Item 1 and Item 2 are excluded from Item 3 Item 4 contains DNA mixture which consists of victim's DNA profile and suspect's DNA profile. Item 4 contains haplotype chromosome Y which is compatible with suspect's haplotype chromosome Y
PM6V3Q	Reported/listed alleles for evidence samples include stutter peaks. Our laboratory does not report major/minor components when using PG software.
PTV3ZD	One spermatozoon was identified for Item 3 stain from shirt. For Item 3, the AP test was negative, the P30 test was negative, and the sperm slide created from the differential extraction was negative. In addition, there was no male DNA detected in the sample. Therefore, the overall conclusion for the presence of semen will be negative.
PUPCUL	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.
Q67RGU	This CTS is for serology testing only.
Q92KGP	As per [Name], "[Name] not qualified in TA analysis at this time. OK to assume V in interpretation since blanket covered V body. 19Aug24 [Name]"

TABLE 8

WebCode	Additional Comments
QC6TQM	NR = no result. NT = not tested. No comparisons made. Test is for bench processing only. Per policy, this proficiency test covers GlobalFiler testing only.
QF44LL	NR = No results. NT = Not tested. STR testing only.
QFZ774	NA - Not applicable
QJKZED	NR - no result
QNNQNT	NR = no result. For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation.
QUFGNY	Presumptive testing detected the possible presence of blood on Items 3 and 4. Semen was not detected on Item 3 or 4.
QWNULL	STR testing performed only. NR = no results.
RDPVKK	Extraction: Item 1, Item 2 were extracted using chelex extraction method. Item 3 and Item 4 were extracted using Qiasymphony DNA Investigator kit using Qiasymphony SP platform. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio kit on QuantStudio5 Real Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the Globalfiler PCR Amplification kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 4 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4 (Globalfiler). Electrophoresis for Y-filer was carried out on the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. NM = Non-male profile.
RXZE63	Evidentiary samples from this proficiency test were evaluated for Y-STR testing. Male DNA was not detected on Item 3A during quantitation. As such, Y-STR testing was not performed on this item. Both STR and Y-STR testing (where applicable) were performed on the reference samples.
T26VDP	NR = No Result. NT = Not tested.
TBJM89	NR = no results
TEHX49	NR - no results
TFF87B	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
TRM6ZD	NR = no results, only Y-STR testing performed on item 4
TUCYUE	NR = NO RESULTS
TW3N38	NR - no result
TWZY6B	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
UPA2GL	NR = No result. PowerPlex Fusion and MiniFiler were performed on Item 1 and results are concordant at all overlapping loci. PowerPlex Fusion and MiniFiler were performed on Item 2 and results are concordant at all overlapping loci. PowerPlex Fusion and MiniFiler were performed on Item 3 and results are concordant at all overlapping loci.
UR32Q4	Screening tests not conducted as not currently qualified. Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 4: 1sU_UU, Item 4: 2sU_UU. Modified Rapid DNA Analysis was conducted on item 1 with RHID. NID = No Interpretable Data.
VAGJDA	NR = No results. Y-Screening Results: Item 3 was Y-screen negative. Human male DNA was not detected on item 3. Item 4 was Y-screen positive. Human male DNA was detected on item 4.

TABLE 8

WebCode	Additional Comments
VBDG4A	The probabilistic genotyping software STRmix was used to resolve the mixed DNA profile obtained from sample 4. The results listed in the CTS report reflect DNA profiles with stutter filters on.
VGJJYW	This lab does not perform mtDNA or Y-STR DNA testing.
VYKUXE	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.
WADEFK	Authorized only for TMB testing. No DNA testing performed.
WF3YG7	NR = No Results
WJDWZM	For items interpreted with STRmix, reported alleles represent all alleles imported for STRmix interpretation. NR = No results detected.
WJZUFE	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.
WK9PJC	For item(s) 4, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on.
WRR62N	Following laboratory's guidelines for interpretation, DNA profiles consistent with having 2 or more contributors are not interpreted unless an obvious major component exists. As such the autosomal STR profile for Item 4 was not interpreted. However, the Y-STR profile obtained from Item 4 was compared to the Y-STR profile obtained from Item 2.
WRRVH6	NR = No Results obtained
X888UY	N/A = not applicable
X9EAB9	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.
XKRLXX	Y-STR and mtDNA testing not performed at this lab.
Y2VPP3	NR = No results
Y4JH3B	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
YHJGQ9	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.
YLZD66	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
YRLEJW	"N/A" = Not Applicable
YYKWMM	According to screening test, Item3 and Item4 are human blood stains. Item3 is different from the DNA profile of Item1 and Item2. Item4 is a mixed DNA profile that include Item1 and Item2.
YZZ2BD	Extraction: Item 1 and Item 2 were extracted using chelex extraction method. Item 3 and Item 4 were extracted using QIASymphony DNA Investigator kit on QIASymphony SP platform. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Trio DNA Quantification kit on QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification kit on GeneAmp PCR System 9700. Item 2 and Item 4 were further amplified using AmpFISTR Yfiler PCR Amplification kit on GeneAmp PCR System 9700. Electrophoresis: Item 1, Item 2, Item 3 and Item 4 (GlobalFiler) were run on ABI 3500xL Genetic Analyzer. Item 2 and Item 4 (Yfiler) were run on ABI 3500xL Genetic Analyzer. Quality Control: Reagent blank, positive control and negative control were incorporated throughout the analysis and gave satisfactory results. NM represent non-male profile.
Z4TQ36	NR=No Results
ZE7YHG	It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. This may incorporate stutter peaks that would have been filtered during conventional analysis. On the Additional DNA data page, the radio buttons were inadvertently selected.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 24-5704: Forensic Biology

DATA MUST BE SUBMITTED BY **Sept. 03, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: KKVF33

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Police are investigating a homicide case involving a female victim and male suspect. The victim's body was found covered by a blanket in her living room. The suspect was the last person seen leaving the victim's home. Police are submitting a stain from the shirt the suspect was wearing at the time of arrest (Item 3) and a stain from the blanket covering the victim's body when found by police (Item 4). Also provided are known standards from the female victim (Item 1) and male suspect (Item 2).

Items Submitted (Sample Pack B4):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from suspect's shirt (pink)

Item 4: Questioned stain from blanket covering victim (blue)

Part I: SCREENING TESTS

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item 3:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Human Origin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Y-Screening (male DNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II: 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 ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)